

Era
Polymers

THE Herald
ERA POLYMERS NEWS BULLETIN



INSIDE THIS #31 EDITION

LESSONS FROM LIFE #66 - GRANDCHILDREN AND DNA

ERA POLYMERS: FEATURE STORY
THE GROWING YEARS

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I hit another milestone on the 7th August ... I turned 66.

This is a year of Milestones ... our company turned 30 in April, and Tina and I, celebrate our 40th Wedding Anniversary on the 4th December...a nice year, if ever there was one!

So, its time to reflect about Life.

Let me tell you a story... and I HAVE told this story before...I read this story years, and years, ago.

Scientists wanted to determine, what portion of our personality is GENETIC , i.e. from your DNA and, what you derive from your ENVIRONMENT.

(continued pg 2)



30 years ago George Papamanuel found himself out of a job with a wife and family to support, this was all the drive he needed to start his own company, that and the support of his wife Tina. **What is it they say behind every successful man is a strong woman!**

So out of necessity to support his family George with Tina founded Era Polymers on the 12th April 1986.

In some ways the business was much simpler then, just George and Tina, but as they started to get established and grow the business they needed to take on more staff to cope with the demand for **Era Polymers** quality polyurethanes.

Now Era Polymers employs over 100 employees and no longer works out of George and Tina's garage.

(continued pg 8)



(continued from pg 1)

So what the scientists in Europe did was to find 100 (maybe more, I can't remember) IDENTICAL twins (same DNA, right!)... that had been separated at birth, and in some cases, even grew up in different countries.

That, in its own right, was a task and a half... Finding identical twins, which had been separated at birth. Anyway, they found them and tracked these twins, from birth, until their adulthood. (They found some really interesting, if not WEIRD stuff... like, some twins choose EXACTLY the same occupation, the same named wife, even chose the same pets and gave them the same name!... And another interesting quirk was that always they felt a longing, as if something was missing in their lives... There was, of course, their TWIN. Identical twins NEED to be physically close, because they are so close spiritually.

The conclusion, after studying these identical twins, was that SIXTY percent of our personalities, is genetic and FORTY percent, comes from our environment (i.e. choose your Facebook friends wisely... parents, you're stuck with).

"I'm happy to say, that they ALL have, the most important trait that ANY human being can ever have... a high degree of EMOTIONAL INTELLIGENCE ..."

So what's this have to do with anything?

Well on Sunday, the family, including Tina's mum, Alex, Francene, George, Tina, Evie... Shannon, Niki, Adam, George and Joanna, took Tina and I, to a nice Chinese restaurant (and having just spent the last two weeks in Asia, eating with chopsticks, I was in my element).

How was it? Best dinner of my life. I had Adam and George Junior, standing on the back of my chair, playing with my baldness. I had George senior resting his head on my arm. I had Joanna hugging my right leg... and I had Evie and Tina, trying to get as close as possible... heaven for a 66 year old grandfather.

So, looking at them, and being mindful of the



above story, I appreciate that ONLY 25% of their DNA comes from me...so that's 25% of 60%... A pretty low number....

SO, I appreciate, that I have to work extra hard to get SOME say, in the 40%.... And BOY, doesn't that create conflict with my wife, and children.

So, what are they like? Do I see some of me, in them? ... I sure do. I'm happy to say, that they ALL have, the most important trait that ANY human being can ever have...a high degree of EMOTIONAL INTELLIGENCE... MY emotional intelligence, defines ME.

Starting from the oldest to the youngest;



GEORGE SENIOR ... at 13 years old ... is a reader... He loves books, books that allow him to escape from reality... Fantasy, Science Fiction books... I'm trying to introduce him to Science, Science Fiction...Asimov and maybe a bit of Herbert.

He isn't at all daunted by thick books, with BIG words, and lines spaced close together, just like books, should be. He's shy (just like I was at 13... I didn't get over my shyness until my early 20s)... His shyness holds him back... He definitely has his parents, and his grandparents, intelligence.

He can also be slack at doing things, just like I was...And most definitely like his father was. George is affectionate... He just doesn't know how to show it, or, express himself.

He craves his father's affection, and his father doesn't, sometimes, reciprocate...AND that, Alex gets from his namesake, my father... he waits for someone to make the first move... BUT once the move is made... he's a TOTALLY different person.

TINA ... At a ripe old age of 11, she blows me away... I took a photo of her when she was TWO... she's holding her cheek with two fingers.....deep in thought and concentration... I knew back then, that she was going to be VERY special.

HER Emotional Intelligence is the highest that

I have ever seen, in anybody. She makes me want to try to be a better father to my children, and an even better grandfather.

She excels at everything that she tries... and she NEVER, EVER gives up...just like her mother, and father, and Tina and I... Every time I see her, I want to hold her tightly, to protect her, until her mind gets stronger and stronger... Her mind is strong now... I'm in awe, as to where it will be, in a few years time. I'm glad to say, that she, like me, and like MY mother, talk, and THINK very fast... OR, maybe we are talking and thinking at normal speed, and the rest of the world, is talking and thinking, in first gear!

She is gradually transitioning from a young lady, into a woman, in front of my eyes... it is a sight to behold.

EVIE... She's intelligent she's precocious, she likes to play the clown, she just LOVES to be the centre of attention... she, at 9, is where I am today. We trade messages together, (when she gets access to her iPod) full of emojis..... Full of love for each other... and the messages can go on, for quite a while, until she loses access, to her iPod. Evie is self contained, ... She is secure in her mind... she is happy being alone, she can create her own world, and immerse herself in it (just as I did, at her age)...Equally she likes to interact with the wide world around her.

She jumps on me, whenever we meet, and with all my trials and tribulations that I seem to get daily... having Evie give me so much affection, takes all my problems, and my breath, away.



ADAM... is 8... He's shy, just like I was... He has determination (he tells me that ALREADY he is the best soccer player on the Newington team). He wants to be the best, to have the best... Much to the consternation of his father... who wants him to understand that life isn't just about BRANDS! Our conversations revolve around.. What's your favourite Harry Potter Movie? What's your favourite Star Wars Movie? What's your favourite football team?

What's your favourite Car? He loves books ... AND, he just LOVES sleep overs at our house... trouble is he needs to get to 50 points to have a sleep over... he's currently sitting at ZERO, because he's been a bit naughty. He's stubborn, very stubborn ... he gets that from his mother, who in turn got it from me.

We seem to have bonded, quite early in his life ... he loves the affection that I give him... He likes me to feed him...we're joined at the hip.

GEORGE JUNIOR ... is 7 Shannon said at George's christening that if it wasn't for George, they would have gone for a FOURTH child ... George challenges his parents ... That's good, right ?! Who wants to rock and roll through life, with PERFECT children.

George keeps Shannon and Niki honest, and challenged... he does however have his grandfather's "affection" gene .. Cuddle him, pay him some attention, and he's yours.

If something fascinates him, he can focus and focus ... just ask him, for example, about dinosaurs... he knows EVERYTHING about ALL of them... When you ask George what he wants to be when he grows up ... he answers that; "I want to be a palaeontologist". He's being saying that since he was 5 years old ...not bad ... George at the moment is a dark horse... he is slowing down his naughtiness, he is focusing for longer periods ... I think that he is going to be a S.T.A.R.

JOANNA ... is 5 years old...she has her grandmother's "pretty" gene ... MUCH, much better than that, Joanna was born happy ...she is ALWAYS happy... which occasionally might get her into trouble in kindergarten, when young teachers don't understand "happiness"...They ONLY understand "discipline". She's super intelligent... even during my Birthday cake, at the Chinese restaurant , she said "Look if you turn Pappou's "66" candles upside down, you get "99" ...We can use them on Pappou's "99th" Birthday...That's MY girl. AND, if ever I had a challenge...this is it...ONLY 33 years to go!

Just like Pappou, she knows how to save money...She's also super super affectionate... and bossy, and she is a watcher, she watches, she files away, what she learns. I think that one day, she could run our company.

So, there you go, a 66 year old grandfather, searches, and prods, his grandchildren (and even occasionally his children) to see which bits of his DNA , he has passed on.

I'm glad to say, that I've got my FIFTEEN percent ... and am still working on getting my fair share, of the FORTY percent, that is up for grabs.

George Papamanuel
August 2016



THE PAPAMANUEL LEGACY

The most emotional thing that Grooms can say, on their Wedding Night speech, apart from saying how beautiful their new bride is , is that ;

" My parents were always there for me "

That sentence is full of emotion, and a remembrance of good things ,past .

Me, I let the kids down.. There were TOO many things going on, during their formative years... too much happening to start, and grow, a business, too many court cases,too much travel, too much passion doing what I wanted to do, and the resultant ...too much stress and strain.

I did take them to school, often times. I did lie on the floor, whilst they played on my back.. Alex did sit in my folded legs, and we'd watch Battlestar Galactica together. I did religiously take Alex to soccer and basketball on Saturday's , whilst Tina did the " netball thing "

I'm glad to say, that with good DNA, and an EXCELLENT mother, they both grew up quite normal...Both kids have learnt from my mistakes,and are trying to be perfect parents ... to which I say : " How come you ended up perfect, when I was so IM-perfect " Such is life .



PU - TECHNO LEVEL UP

Keeping up with technology. Admit it, most of us will research the fastest processor, most compatible OS, biggest screen, or best battery life, but few people look into what keeps these machines running through daily use.

The answer, in part, is **polyurethane**.

Polyurethanes are frequently used in the electrical and electronics industries to seal and insulate fragile components. Due to polyurethane's versatility, it can be combined with countless materials to meet a wide variety of needs from water resistance to temperature regulation to impact protection. These polyurethanes are in nearly every consumer electronic device, as well as industrial electronics in businesses as diverse as broadcasting, manufacturing and aerospace.

Beyond being used inside electronics, polyurethane also protects electronics on the outside. It is frequently used as a stylish but durable material for tablet covers and cases. It is likewise being used in new innovations for electronics protection. So, as you load up on your favourite gadgets, take a moment to thank the versatility and durability of polyurethane that helps those gadgets stand up to our daily use and misuse.



ERAPOL RUBBER BINDERS

Erapol Rubber Binders are plasticiser FREE and non-toxic, so there is definitely a difference between our Erapol grades and the other low cost binders being marketed by other companies. When an Erapol Rubber binder is cured, it is 100% reacted and therefore inert.

There are NO plasticiser or additives that can leach out of our Erapol Rubber Binders

These products have been designed as a low cost means of binding together reconstituted rubber to produce safety surfacing solutions for various applications.

Properties:

- MDI BASED
- SINGLE COMPONENT
- MOISTURE CURED
- EASY TO USE
- 100% REACTIVE

Applications Include:

- SPORT SURFACES
- PLAYGROUND SURFACES
- UNDERLAY FOR SYNTHETIC GRASS
- SHOCK ABSORBING PAVERS/MATS
- SUITABLE FOR COMPRESSION MOULDING
- ANTI FATIGUE FLOORING



PRODUCTS		STANDARD GRADE	WINTER GRADE	SUMMER GRADE
PROPERTIES		EMD73RB	EMD76RB	EMD288RB
Viscosity	(@ 25°C/cps)	4700	3200	7200
Cure Time before use	(hrs*)	24	24	24

INTERNATIONAL NEWS - SOUTH AFRICA

Diverse Urethanes and **Era Polymers**, are two family owned and operated business, who are focussed into the C.A.S.E. (Coatings. Sealants. Adhesives. Elastomer.) markets.

They specifically target the South African Mining Market. **Diverse Urethanes** is a South African company, which started operations in 2009. They have production facilities in Modderfontein, and have fully equipped QC as well as R and D Laboratories.

Diverse Urethanes manufactures and supplies, a range of elastomers, and products for the construction and mining markets.

They have a dynamic Technical Service team, who pride themselves on offering World Class Technical Service.

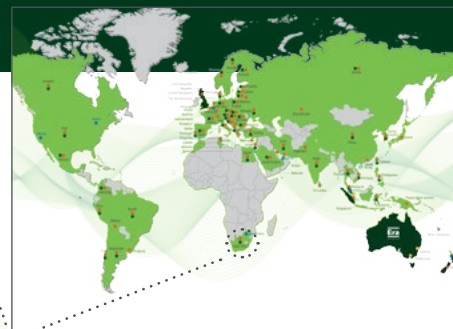
Era Polymers commenced business in 1986, in Sydney, Australia. They currently have FOUR manufacturing sites. TWO in Sydney, ONE in Melbourne, and ONE in Auckland, New Zealand.

In addition, **Era Polymers** have TOTALLY dedicated Technical Service Centre, based in Sydney, staffed with 20 chemists. The company currently employs more than 120 people. In total they have 16 laboratories within this Technical Centre, and spread over, the four manufacturing sites.

Era Polymers currently exports to 76 countries around the world ... And is one of the few, GLOBAL players, in the High Performance Elastomer market.

Era manufacture and market more than 800 products ... many of which are specifically formulated for the many arduous abrasion and performance applications, encountered in the Global Mining Industry.

Diverse Urethanes has been in partnership with Era Polymers since 2009, supplying **Era's**



High Performance Systems, to many customers in South Africa.

In the last year, there has been a dramatic reduction in the number of players, producing High Performance Elastomer Systems for the South African market. Accordingly, the two companies are entering into a partnership to produce these systems in South Africa. It will give the local market choice ... Choice, which it is demanding.

This is a **Dawning of a New Era** for this very important market... It will mean new jobs. It will mean having the right products, at the right time, for the right price.



Era Polymers and Diverse Urethanes will be showcasing many polyurethane technologies, including the high performance "Erapol E series" products. These have been used in the global mining industry for over 30 years, to produce wear resistant parts, in a range of hardnesses.

12 - 16 SEPTEMBER 2016 Expo Centre Nasrec, Johannesburg, South Africa
Hall: 5
Stand: B23

THERE'S COMFORT... AND THEN THERE'S GREENLINK HR255 COMFORT

THEATRE GOERS ENJOY THE COMFORT OF ERA POLYMERS - GREENLINK HR255

Merje design, develop and manufacture a wide range of seating and accessories. One of their specialties are Theatre Seats. A great auditorium is a place to gain knowledge, be entertained and enlightened. To create this environment the architect brings together a collection of elements, the building, sightlines, sound, lighting...and yes, most importantly - seating!

So, with the Auckland theatre goer's comfort in mind, Merje looked to **Era Polymers** for the most suitable product.

That product is **Era Polymers – Greenlink HR255**.

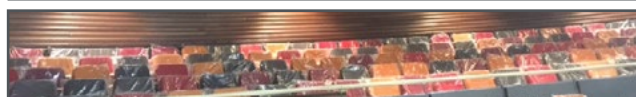
A total of 670 seats were installed in the Auckland Theatre. All seats were mounted to the floor on a customised tube with fittings to accommodate air conditioning and LED lighting. Quite noticeable in the photographs is the interesting colour layout. This is designed so there are no empty rows visible to the actors during a performance.

Craig Bishop from **Era New Zealand** has tested the seats and says "They are very comfortable!"

Greenlink HR255 - a high resilient water blown flexible polyurethane foam. This material contains no halogenated raw materials and the ratios of **Greenlink HR255** can be changed to produce harder or softer foam depending on your requirements.

Mixing Equipment: **Era Polymers** recommends the Cannon A Compact range. Call us for more information.

For further information on **Greenlink HR255** or any of our other Foams please contact us on: Tel: +612 9666 3788 or visit our website for more.



**Cushion / Seating Foam of choice
Greenlink HR255**



ERA POLYMERS - KLINGSTONE®

Era Polymers has joined forces with Klingstone USA to bring the Permanent Bunker Solution to Australia. First used in 1997 for golf course bunkers, Klingstone® eliminates the need to replace fabric liners. Klingstone® is a single component polyurethane that essentially glues soil and sand in a bunker together, permanently binding and stabilising the materials.

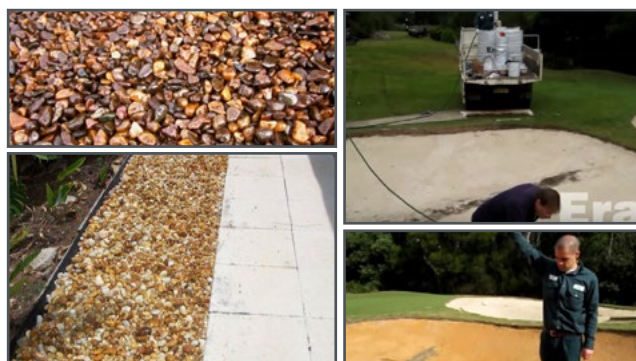
Klingstone® polyurethane is ideal for use with golf course bunkers that are under construction or renovation. It will help to maintain bunker consistency while also helping to reduce maintenance and bunker contamination. Easy to apply, this single component polyurethane prevents side wall erosion, reduces drainage contamination and improved aesthetics. Klingstone® polyurethane offers a durable and cost effective solution to bunker maintenance.

Era Polymers manufactures Klingstone® under licence in Australia, which means local delivery times are possible.

Don't forget to ask us about Klingstone® Paths, a single part moisture curing polyurethane is used for binding together loose stones and gravel developed to solve a problem!

For more details:
Call Us onTel: 02 9666 3788

or visit: <http://www.erapol.com.au/products/agency-products/klingstone/>



ICYNENE® WINS DoD TENDER RAAF BASE HANGER: ROOF INSULATION

ICynene® spray foam insulation outperforms other insulation materials by providing ideal R-value levels and air-sealing in one step, without the need for labour-intensive sealing materials. ICynene® delivers the full solution to creating an environment that is Healthier, Quieter, More Energy Efficient.

Era Polymers is the Australian and New Zealand licensed distributor for all ICynene® spray foam insulation products.

THE PROJECT: To insulate roughly 2,500m² of interior roof of hanger.

INSTALLER: Thomas from Easyfoam Insulations (Tender documents accepted)

ICynene is now on the Defence Approved Suppliers List which means it is now able to be installed nationally at Defence sites.

For all enquiries: please call us at **Era Polymers** on +612 9666 3788 and ask for **Jeffery Ryan** | Email: jeff@erapol.com.au



WANT TO STOP WATER LEAKAGE & SEEPAGE? ERA POLYMERS HAS THE SOLUTION

Era Polymers offers a variety of **Mountain Grout** polyurethane products for the construction industry. Some are designed to stop water leaks. Other uses are to repair cracks or joints in concrete structures, such as foundation walls, tunnels, dams, and large diameter pipes. The products can also be used for the growing requirement of Soil Stabilisation. In addition to these grouts, the range also consists of 2-part polyurea joint sealant, all of which are now being manufactured under license at the **Era** facilities in Sydney.

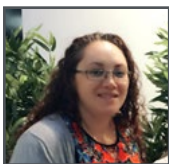
Era Polymers offer the following products:

- Mountain Grout Classic
- Mountain Grout Flexible
- Mountain Grout Gel Foam
- Mountain Grout HL-100
- Mountain Grout MG295
- Mountain Grout MGP168
- Mountain Grout Pump Flush
- Mountain Grout Soil Stabiliser
- Mountain Grout Ultra
- Mountain Grout VF
- Mountain Grout Accelerator



Have a question? Wondering what product to use or recommend? Call us on **(02) 9666 3788** to discuss.

ERA FAMILY EVENTS



LOUISE LOGAN
EXPORT DEPT.
ERA POLYMERS - SYDNEY



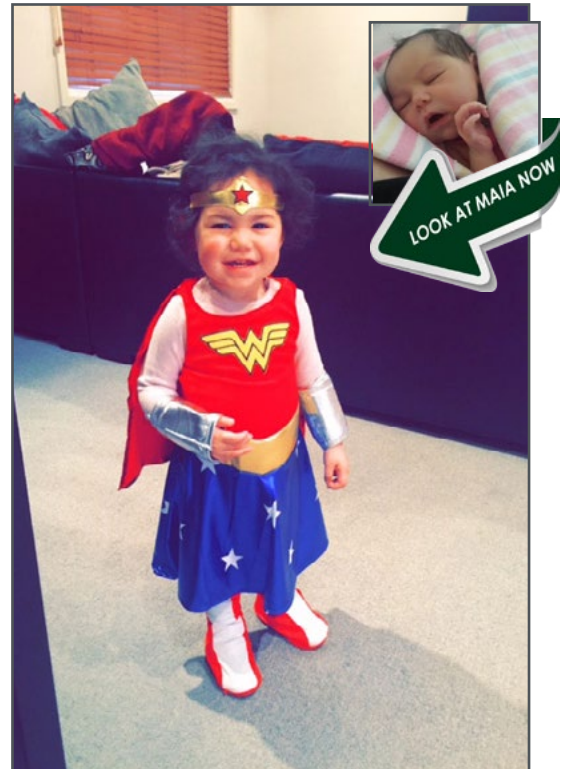
MIKE LOGAN
MANUFACTURING DIV.
SAMOS POLYMERS

Maia Kiki Logan - remember that name.

The Era baby of Louise and Mike Logan, Maia participated in **Muscular Dystrophy Australia's National Superhero Week 2016** fund-raising in the form of a walkathon.

Maia did **two** laps of the neighbourhood block dressed as Wonder Woman along with three other little super hero friends.

GOOD ON YOU MAIA!



Muscular dystrophy is a neuromuscular, genetic disorder which results in the progressive deterioration of muscle strength and function. The most common form in childhood is Duchenne Muscular Dystrophy, which can see a young boy using a manual wheelchair by the age of 8, and being completely dependent on an electric one by his early teens. Life expectancy for this disorder is usually only until early adulthood.

<http://www.mda.org.au>

ERA FAMILY EVENTS



**CONGRATULATIONS!
ERA BABY NEWS**



Arlingga & Irene Sutinah welcome a
BABY BOY: JACOB
Time: 12:25 PM
Weight: 2.98 KG
Length: 44 cm
DATE: SUNDAY, 3RD JULY 2016

JOELENE YORKE
(ERA POLYMERS N.Z.)
GOT MARRIED!



**Congratulations
Joelene & Joseph WAUGH!**
Date: 20th August 2016
Reception:
TE RAPA RACECOURSE



Straight out of a fairytale. May this journey together bring them both lots of love and happiness. Also in attendance on this gloriously sunny day was our very own Louise Logan (Era Sydney) and Marewa Hughes (Era NZ) - pictured below



MICHELLE TIKA
(ERA POLYMERS EXPORTS, SYDNEY.)
GOT MARRIED!

**Congratulations
Michelle & Jonatan Wangsahardja!**
Date: 4th June 2016
Church:
WILD STREET CHURCH, MAROUBRA

CONGRATULATIONS!
Nathan Iafeta - Export Department
(Era SYD)



The world exists only due to love and loving people. Michelle and Jonatan are the most beautiful example of it.

Wishing them well on such a special day were members of the Era Polymers family including George & Tina Papamanuel (Group photo above)

Congratulations on the wedding!



*Nathan
asked...
...and...
Siobhan
said Yes!!*

It was a sunny Saturday on the Gold Coast QLD, the 9th of July 2016 to be precise, and Nathan popped the question!

THE GROWING YEARS ERA POLYMERS

(continued from pg1)

Era Polymers have 4 state of the art manufacturing facilities; 2 in the Sydney suburb of St Marys, 1 in Melbourne and 1 in Auckland (New Zealand). Their Research & Development Centre is also based in Sydney, NSW with additional sales offices in Adelaide, Auckland, Brisbane, Melbourne and Singapore. Stock is warehoused in all capital cities of Australia, as well as Belgium, Canada, China, Dubai, Malaysia, New Zealand, South Africa and the USA. Their customers worldwide are serviced by their extensive distributor network.

Despite the fact the business has grown in size and George is now the proud owner of one of the largest suppliers of high performance polyurethane prepolymers in the world, he still has a very hands on approach. George believes that Business is People doing Business with PEOPLE - a philosophy he holds dear in this increasingly impersonal world.

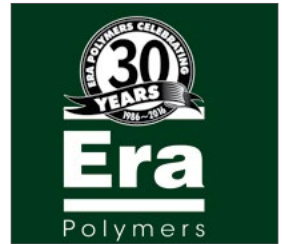
This philosophy may just be the reason for Era's continued success, George has always listened to his customers to find out what works and what doesn't and believes in making products that fit their needs.

While George travels extensively he has a team of Sales staff that travel the world on behalf of Era Polymers to provide a Global Reach with a Local Service.

After 30 years George has no intention of slowing down he's looking forward to the next 30 years. He enjoys the challenges he faces in the business every day, developing new formulations, working with new and old customers and above all people doing business with people.

Only now George can't do everything on his own so employs a dedicated team to help him continue building the **Era Polymers** Empire.

Nicola French



11A Beach Rd, Blakehurst
Era Polymers circa. 1986

Era Polymers 1986- Current



25-27 Green St Banksmeadow NSW AUS
Research Centre



2-4 Green St Banksmeadow NSW AUS
Head Office, Administration



Samos ENA - Links Road, St. Marys NSW AUS
Manufacturing Headquarters



Samos DIO - Kommer Pl, St. Marys NSW AUS
Manufacturing & Despatch Division



Applied Polymers 181-187 Ordish Rd,
Dandenong Sth, VIC AUS
A Division of Era Polymers - Victorian Branch Australia



Era Polymers New Zealand, Rangi Rd, Takanini
AUCKLAND, N.Z.
New Zealand Headquarters & Despatch Division

TINA'S FANTASTIC MEMORY

I always knew that my child bride had a fantastic memory...
I think I married a mentat.

How's this for a couple of examples to illustrate the power of the mind of "The Boss of the Boss "

Example 1.

Not long ago, I had a meeting in my office with an old friend. In fact HIS father used to be my boss ... my first boss. Tina comes into my office... a couple of polite hugs and kisses are exchanged. We recounted the time, PROBABLY, about 37 years ago when his father and mother, invited us to dinner. My guest, would have been ABOUT 15 years old back then, when we came for dinner.

So, we discuss this once in a lifetime event ... and Tina pipes up, and says, "Yes and your mother cooked Chicken with apricots, as the main course"

Huh, double huh, we both said!

Tina remembers, 37 years ago, what we had for dinner ONE night!

Example 2

Last year, Tina and I were in Melbourne. We bumped into an old business friend Frank Van Gogh. He runs **Joyce Foam**, in Australia. He introduced us to his wife **CARLINE**.

Tina says: "I've only met ONE Carline in my life, she and I used to go to Crown St. Primary School. We were in the same Year 2, class" (that's about 50 years ago).

Carline says: "That's me"



The Power, the majesty, of Tina's mind...And she doesn't, like yours truly, even take Gingko!

Probably after Isaac Asimov, my favourite science fiction writer is FRANK HERBERT. He wrote the DUNE series of sci fi books. In THAT alternative universe, Mechanical machines/ computers were banned.

Instead they used HUMANS with computer brains...called MENTATS.

I think that I married a MENTAT.

RACI Industrial Chemistry Event



JUNE 16, 2016:

The Royal Australian Chemical Institute - NSW Industrial Chemistry Group requested of **Era Polymers Pty Limited** the opportunity to host a Laboratory Tour & Networking Event for the Young Chemists Group at their Banksmeadow, Sydney Headquarters.

A tour of Era Polymers' R&D, Physical Testing, Analytical Testing and Wet Chemistry Laboratories was conducted. **Era's** Marica Gubenko started off the tour with a very exciting Foams demonstration, followed by an Elastomers and Machines

demonstration by Peter Woodfield and Tom Butt. George Zavras explained about Coatings & Membranes. Terry Petkovic answered all questions asked in the demonstrations.

Mr George Papamanuel made a surprise appearance sharing his experience and optimistic views on the chemical industry in Australia.

For more information go to: <http://www.raci.org.au>





Photographs @Hurricanes Brighton Beach Sydney NSW courtesy of James Dumitriu (Era Polymers - Victoria)

MEET THE ERA TEAM

I've written about it, countless times before, that one of my favourite sayings is ... "A company is only as good as the people that it employs".

And we continue to employ some GREAT people... here are two new additions to the team:

MARTIN MORRISSEY

Business Development
ELASTOMERS



I have known Martin, probably for about 35 years (OFF, more than on)... way back then, I worked for Uniroyal (now called Chemtura), and he worked for a company called Wear Resistant Materials (WRM).

WRM eventually became a part of

Chemtura, so Martin worked there for a bit, then Rema Tip Top, then RLA, lastly RebaIn / COIM ... and now us!

So, just like yours truly, he has spent most of his working life (40 years, give or take) in POLYURETHANES.

Nice huh!

Martin is a "doer" .. He likes to work hard, smart and quick.

So, he is going to be an important member, of our continuing success in our businesses.

E-Mail: martin@erapol.com.au

Mobile: 0451 511 274

MAL FAHEY

Sales Manager, NSW
URETHANE COATINGS



Mal, is a living example of something else that I have said for a long time ...i.e. The mind only needs about 20 seconds, to decide if it likes the person sitting opposite you.

That's all it took for me to know that I liked Mal ... even Mark Webb,

the U. C. Manager, was surprised how quickly that I made up my mind, to employ Mal.

He comes into our Urethane Coatings team, with a plethora, of personal, business, and technical skills ... and he can't wait, to get out there to show us what he can, and will do.

URETHANE
COATINGS

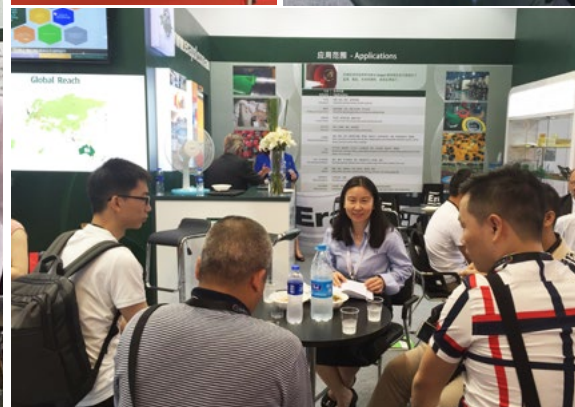
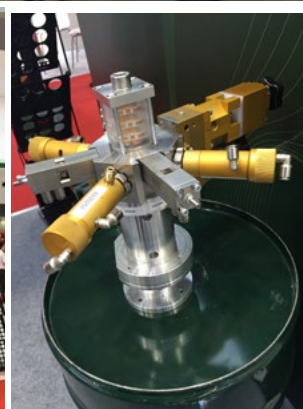
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MACHINE DEPARTMENT



Cannon "A-Compact" Technology, compactness and great reliability

In the moulded polyurethane sector there is an ever growing demand for high-pressure metering machines which combine simplicity of management, high technical and quality standards, efficiency and reliability, with the need to keep investment costs low. Cannon "A-Compact" has been developed to give a concrete response to these requirements. "A-Compact" units are more logical & immediate for those customers who intend to replace their low-pressure machines with a more modern and environmentally friendly technology.

The high-pressure technology offers many significant advantages:

- chlorinated solvents are not longer required
- improving the working conditions, safeguarding and protecting the more global environment
- more efficient production processes
- foams with higher quality and better physical and mechanical properties
 - significant raw material saving.

At present, machine configurations available are:

A-Compact Basic

- cost-effective investment
- manual adjustment of output and component ratio
- wide output range

A-Compact FC (Frequency Controlled)

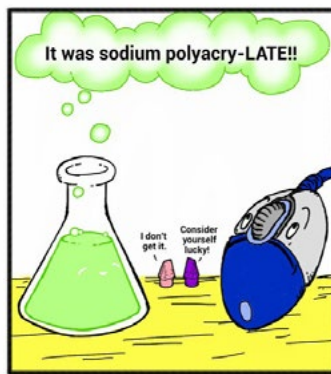
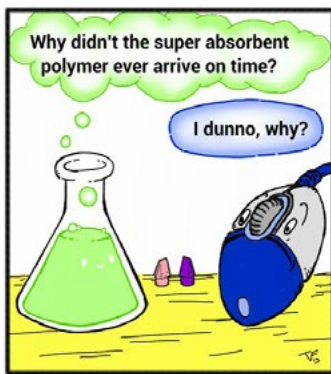
- automatic output adjustment through frequency inverters
- pouring programs automatically selectable shot-by-shot
- fixed output pumps with reduced maintenance costs

A-Compact CL (Closed Loop)

- flow transducers on board
- closed loop control of output and component ratio. Set values are constantly compared with those measured in real time. Whenever deviations beyond the tolerances allowed are recorded, the control system automatically adjusts the parameters, keeping output and ratio values stable.
- Output Visualization System to monitor and print the main processing data

For more information, call
 Hugh Fraser
 Era Polymers - Machinery Department:
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THE LIGHTER SIDE



THE Herald
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