

TORAY Worldwide

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Certified Production



Membranes and elements are manufactured and undertaken quality assurance, which has obtained Quality Management System ISO 9001 certification and Environmental Management System ISO 14001 certification.

The products are also certified by the NSF for use in drinking water applications.

TORAY accepts no responsibility for results obtained by the application of this information or the safety or stability of products, either alone or in combination with other products.

Aug 2014

New State-of-the-Art D-Family Durable BWRO Membranes



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Innovation by Chemistry

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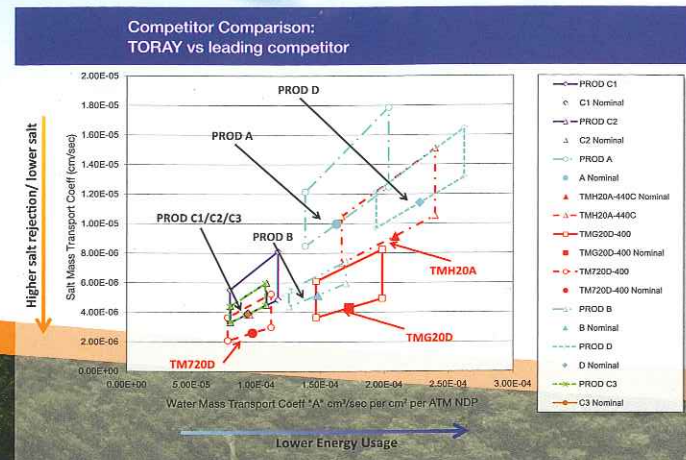
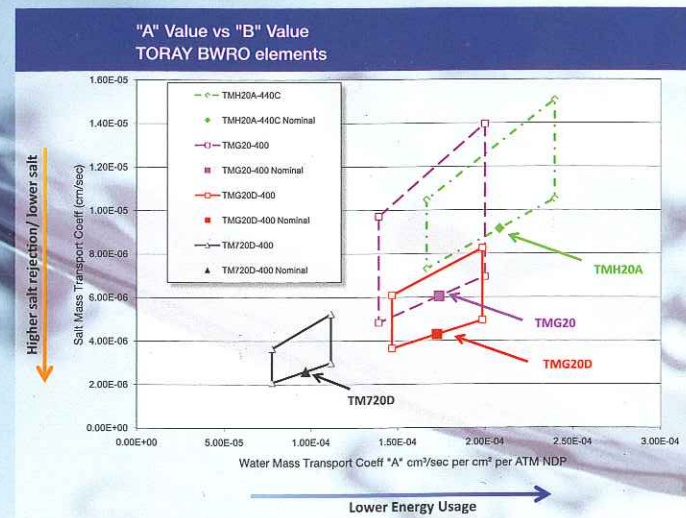
D-Family Durable BWRO Elements

With over 40 years of experience in RO membrane innovation, TORAY has developed a new product range of the widely successful low pressure BWRO elements, offering higher durability and better performance than ever before. The new element series outperforms a leading competitor in key test benchmarks, making it the product of choice for low energy brackish water RO processing.

The new generation of durable BWRO membrane elements shows a notable increase in performance, both in ion rejection as well as in energy savings, which means better performance at lower costs.

Durable BWRO Membrane Element Specifications						
	Type	Diameter	Membrane Area	Salt Rejection	Product Flow Rate	Feed Spacer Thickness
		inch	m ² (ft ²)	%	gpd (m ³ /d)	mil
Low fouling BWRO	TML20D-370	8"	370 (34)	99.8	9,700 (36.7)	34
	TML20D-400	8"	400 (37)	99.8	10,500 (39.8)	34
Standard BWRO	TM720D-400	8"	400 (37)	99.8	11,000 (41.6)	34
	TM720D-440	8"	440 (41)	99.8	12,100 (45.8)	28
Low pressure BWRO	TMG20D-400	8"	400 (37)	99.7	12,100 (45.8)	34
	TMG20D-440	8"	440 (41)	99.7	13,200 (50.0)	28

TM700D and TMLD both are tested at 225 psi and 2000 mg/l NaCl
TMGD is tested at 150 psi and 2000 mg/l NaCl



Key Features & Advantages

- Improved ion rejection
- Higher durability
- Better pH tolerance for cleaning and day to day operations
- Increased oxidant tolerance
- State-of-the-art cross-linked Polyamide Composite membranes
- Autowinder technology allows for high quality membrane production at unmatched rate
- Manufacturing is ISO 9001 and ISO 14001 certified

Built tough for solid performance.