

Tel: 01543 416 222

Resin Products

Suppliers of world class products for energy and environment

### Tulsion® Mixed Bed Resins

Tulsion®	Type	Matrix Structure	Functional Group	Ionic Form Supplied	Screen Size US Mesh	Particle Size mm	Stability Max Temp °F/°C	pH Range	Specific Surface Area M2/gm (min)	Backwash Settled Density lbs/cft g/l	Reversible Swelling %	Moisture Content Approx. %
<b>MB-104</b>	Strong acid strong base mixture	Polystyrene copolymer	Nuclear sulphonic/quaternary Ammonium Type I	Li <sup>+</sup> /OH <sup>-</sup> form mixture	16-50	0.3-1.2	175/80	0-14	1.8/1.0 Li <sup>+</sup> /OH <sup>-</sup>	44-47 700-750	NA	-
<b>MB-106</b>	Strong acid strong base mixture	Polystyrene copolymer	Nuclear sulphonic/quaternary Ammonium Type I	H <sup>+</sup> /OH <sup>-</sup> form mixture	16-50	0.3-1.2	175/80	0-14	1.8/1.0 H <sup>+</sup> /OH <sup>-</sup>	44-47 700-750	NA	-
<b>MB-108(BG)</b>	Mixed bed	Polystyrene copolymer	Nuclear sulphonic/quaternary Ammonium Type I	Free base (OH) and /H	16-50	0.3-1.2	175/80	0-14	1.8/1.0 H <sup>+</sup> /OH <sup>-</sup>	44-47 700-750	NA	-
<b>MB-108 P</b>	Mixed bed resin	Polystyrene copolymer	Nuclear sulphonic/quaternary Ammonium Type I	H <sup>+</sup> /OH <sup>-</sup> form mixture	16-50	0.3-1.2	175/80	0-14	1.8/1.0 H <sup>+</sup> /OH <sup>-</sup>	44-47 700-750	NA	-

**Resin Products Ltd**, 2 The Beech Tree, Elmhurst Business Park, Lichfield, WS13 8EX, UK

Tel: +44 (0)1543 416222 - Fax: +44 (0)1543 416130

Email: [enquiries@resin-products.com](mailto:enquiries@resin-products.com)

Tel: 01543 416 222

## Resin Products

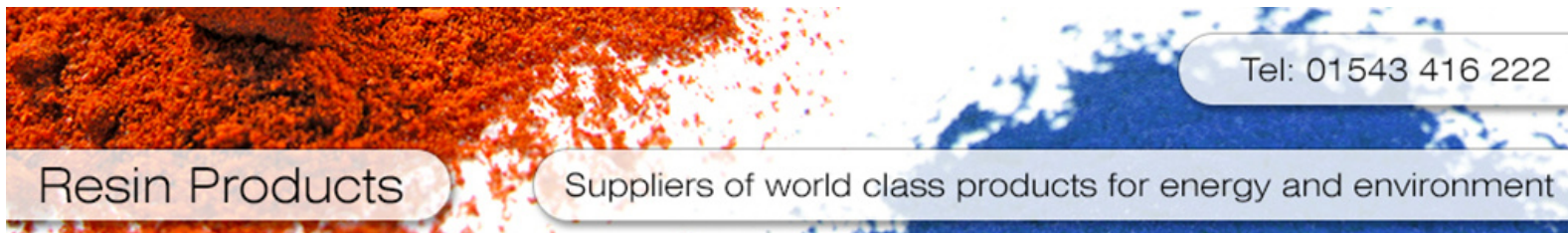
Suppliers of world class products for energy and environment

<b>MB-115 (BG)</b>	Mixed bed resin	Polystyrene copolymer	Nuclear sulphonic/quaternary Ammonium Type I	H <sup>+</sup> /OH <sup>-</sup> form mixture	16-50	0.3-1.2	105/40	0-14	1.8/1.0 H <sup>+</sup> /OH <sup>-</sup>	44-47 700-750	NA	-
<b>MB-115</b>	Mixed bed resin	Polystyrene copolymer	Nuclear sulphonic/quaternary Ammonium Type I	H <sup>+</sup> /OH <sup>-</sup> form mixture	16-50	0.3-1.2	105/40	0-14	1.8/1.0 H <sup>+</sup> /OH <sup>-</sup>	44-47 700-750	NA	-
<b>MB-114</b>	Mixed bed resin	Polystyrene copolymer	Nuclear sulphonic/quaternary Ammonium Type II	H <sup>+</sup> /OH <sup>-</sup> form mixture	16-50	0.3-1.2	105/40	0-14	1.8/1.0 H <sup>+</sup> /OH <sup>-</sup>	44-47 700-750	NA	-

**Resin Products Ltd**, 2 The Beech Tree, Elmhurst Business Park, Lichfield, WS13 8EX, UK

Tel: +44 (0)1543 416222 - Fax: +44 (0)1543 416130

Email: [enquiries@resin-products.com](mailto:enquiries@resin-products.com)



**Features and Applications**

<b>Tulsion®</b>	<b>Features</b>	<b>Applications</b>
<b>MB-104</b>	Intimate mixture of strong acid T-46 Li <sup>+</sup> form and strong base A-33 OH <sup>-</sup> form containing in a 1:2 volume ratio.	Final polishing of circulating water in nuclear industry.
<b>MB-106</b>	Intimate mixture of strong acid T-46 H <sup>+</sup> form and strong base A-33 OH <sup>-</sup> form containing in a 1:2 volume ratio.	Final polishing of circulating water in nuclear industry.
<b>MB-108(BG)</b>	High purity mixed bed resin with highly effective separation.	Used in high purity water applications.
<b>MB-108 P</b>	Intimate mixture of strong acid T-42 H <sup>+</sup> form and strong base Type I (A-23) OH <sup>-</sup> form in a 1:1 volume ratio.	Used in high purity water applications.
<b>MB-115 (BG)</b>	Intimate mixture of strong acid T-42 H <sup>+</sup> form and strong base Type I (A-23) OH <sup>-</sup> form in a 1:1.5 volume ratio.	For production of ultra pure water.
<b>MB-115</b>	Intimate mixture of strong acid T-42 H <sup>+</sup> form and strong base Type I (A-23) OH <sup>-</sup> form in a 1:1.5 volume ratio.	For production of ultra pure water.
<b>MB-114</b>	Intimate mixture of strong acid T-42 H <sup>+</sup> form and strong base Type II (A-32) OH <sup>-</sup> form in a 1:2 volume ratio.	For production of ultra pure water.

**Resin Products Ltd**, 2 The Beech Tree, Elmhurst Business Park, Lichfield, WS13 8EX, UK

Tel: +44 (0)1543 416222 - Fax: +44 (0)1543 416130

Email: [enquiries@resin-products.com](mailto:enquiries@resin-products.com)