

Tel: 01543 416 222

Resin Products

Suppliers of world class products for energy and environment

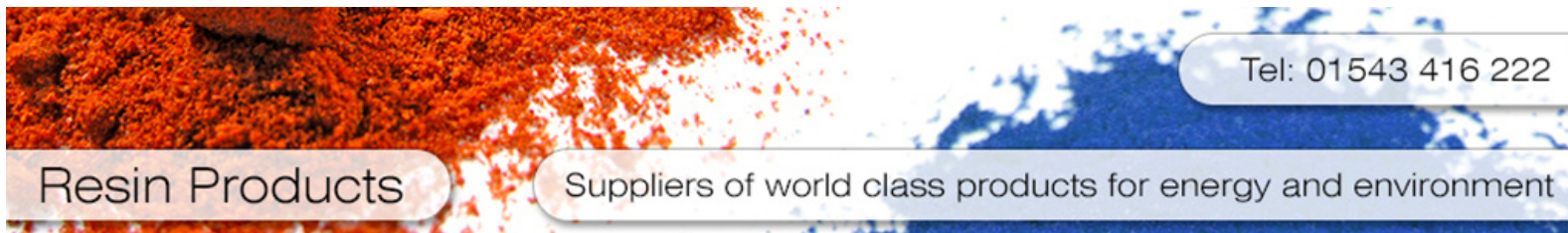
Tulsion® Nuclear Grade Ion Exchange Resins

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. %
T-46	Strong Acid	Polystyrene Copolymer	Nuclear Sulphonic	Lithium Hydrogen	16-50	0.3-1.2	250/120	0-14	1.8 H ⁺	50-52 800-840	Na ⁺ >>H ⁺ 7	50 Li ⁺ 52 H ⁺
A-33	Strong Base	Polystyrene Copolymer	Quaternary Ammonium Type I	Hydroxide	16-50	0.3-1.2	175/80	0-14	1.0	42-44 670/710	Cl ⁻ >>OH ⁻ 20	60

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



Features and Applications

Tulsion®	Features	Applications
T-46	Strong acid cation exchange resin having a minimum 99% of its exchange sites in H ⁺ /Li ⁺ form with high bead strength.	Treatment of circulating water in nuclear industry.
A-33	Strong base gel Type I anion exchange resin having minimum 90% of its exchange sites in OH ⁻ form and less than 1% sites in Cl ⁻ form with high bead strength.	Treatment of circulating water in nuclear industry.

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