

Tel: 01543 416 222

Resin Products

Suppliers of world class products for energy and environment

Tulsion® Catalytic 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	Total Exchange Capacity (meq/ml)	Backwash Settled Density lbs/cft g/l	Reversible Swelling %	Moisture Content Approx. %
T-56 MP	Strong Acid	Polystyrene Copolymer	Nuclear Sulphonic	Hydrogen	16-50	0.3-1.2	250/120	0-14	1.7	52-54 830-870	Na ⁺ >>H ⁺ 7	50
T-38	Strong Acid	Polystyrene Copolymer	Nuclear Sulphonic	Hydrogen	16-50	0.3-1.2	250/120	0-14	1.4	47-49 750-790	Na ⁺ >>H ⁺ 11	68
T 3825	Strong Acid	Polystyrene Copolymer	Nuclear Sulphonic	Hydrogen	16-50	0.3-1.2	250/120	0-14	0.8	43-45 690-720	Na ⁺ >>H ⁺ 15	79
T-62MP	Strong Acid	Polystyrene Copolymer	Nuclear Sulphonic	Hydrogen	16-50	0.3-1.2	265/130	-	4.8 (meq/dry gm)	-	NA	2

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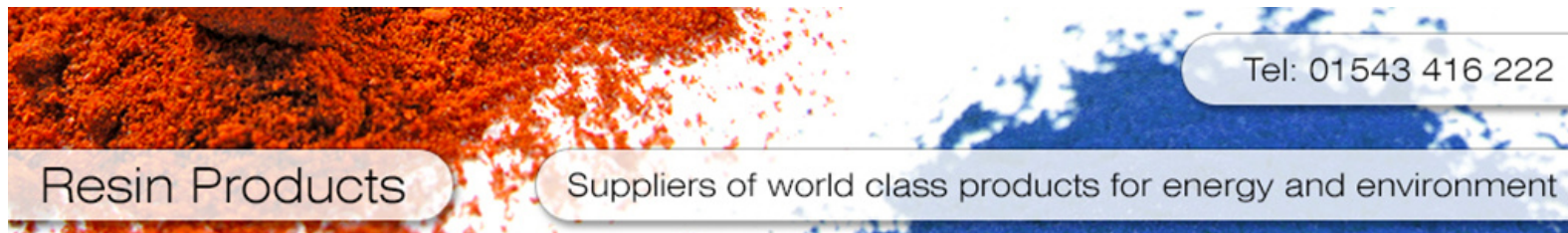
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T-63 MP	Strong Acid	Polystyrene Copolymer	Nuclear Sulphonic	Hydrogen	16-50	0.3-1.2	265/130	-	4.9 (meq/dry gm)	-	NA	2
T-66MP	Strong Acid	Polystyrene Copolymer	Nuclear Sulphonic	Hydrogen	16-50	0.3-1.2	265/130	-	5.0 (meq/dry gm)	-	NA	2
T-3830	Strong Acid	Polystyrene Copolymer	Nuclear Sulphonic	Hydrogen	16-50	0.3-1.2	265/130	-	3.5	-	NA	50
A-74 MP	Strong Base	Polystyrene Copolymer	Quaternary Ammonium Type I	Hydroxide	16-50	0.3-1.2	175/80	-	1	-	NA	58
A-3003	Strong Base	Polystyrene Copolymer	Quaternary Ammonium Type I	Hydroxide	16-50	0.3-1.2	140/60	-	1	-	NA	65
A-8X MP	Weak Base	Polystyrene Copolymer	Tertiary Amine	Free base	16-50	0.3-1.2	175/80	0-14	1.3	40-42 640-680	FB>>Cl ⁻ 18	55

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Features and Applications

Tulsion®	Features	Applications
T-56 MP	Macroporous catalytic grade strong acid cation exchange resin supplied in wet form. Also supplied in dry form containing moisture less than 2%.	Catalysis of organic reactions in aqueous and non-aqueous media.
T-38	High purity, low cross linked strong acid cation exchange.	Catalyst for Bisphenol A reactions.
T 3825	High purity, low cross linked strong acid cation exchange.	Catalyst for Bisphenol A reactions.
T-62MP	Specially developed resin for phenol alkylation.	Phenol alkylation, isoboryl acetate synthesis. Reaction of non-polar media.
T-63 MP	High porosity resin.	Phenol alkylation, isoboryl acetate synthesis. Reaction of non-polar media.
T-66MP	Resin with low porosity and high surface area.	Phenol alkylation. For reaction of relatively polar reactants.
T-3830	Promoted catalyst supplied in wet form.	Bisphenol-A synthesis.
A-74 MP	Macroporous catalytic grade type I strong base anion.	Condensation type of reaction.
A-3003	Catalytic grade type I strong base anion.	Aldol condensation type reactions.
A-8X MP	Macroporous catalytic grade weak base anion exchange resin.	MEG purification and deacidification of aqueous and non-aqueous media.

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