

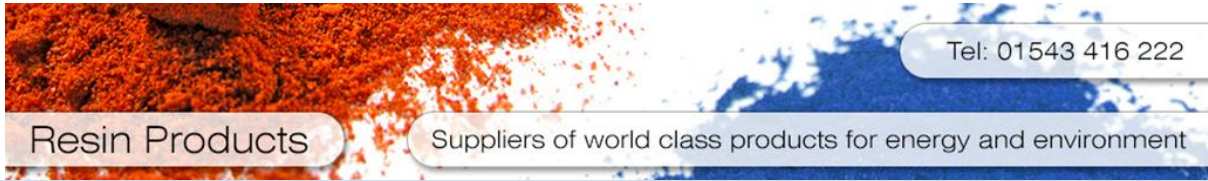
Tulsion® Softening Cation Exchange Resins

Tulsion®	T-40	T-42	T-52
TYPE	Strong acid	Strong acid	Strong acid
MATRIX STRUCTURE	Polystyrene Copolymer	Polystyrene Copolymer	Polystyrene Copolymer
FUNCTIONAL GROUP	Nuclear sulphonic	Nuclear sulphonic	Nuclear sulphonic
IONIC FORM SUPPLIED	Na+	Na+	Na+
SCREEN SIZE (U.S. MESH)	16-50	16-50	16-50
PARTICLE SIZE (mm)	0.3-1.2	0.3-1.2	0.3-1.2
TOTAL EXCHANGE CAPACITY (Meq/ml)	1.8	2.0	2.1
pH RANGE	0-14	0-14	0-14
MOISTURE CONTENT APRX. %	50	45	45
REVERSIBLE SWELLING %	Na+ >> H+ 10	Na+ >> H+ 7	Na+ >> H+ 6
BACKWASH SETTLED DENSITY lbs/cft (gm/lit)	800-830 50-52	810-830 51-54	830-860 52-54
MAXIMUM TEMP. STABILITY (°C /°F)	140°C 280°F	140°C 280°F	140°C 280°F
FEATURES	High efficiency gel cation exchange resin, specifically for softening	High capacity gel cation exchange resin, with optimum operating capacities	High capacity gel cation exchange resin, with high operating capacities

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APPLICATIONS	Industrial and domestic water softening	Industrial and domestic softening at relatively low regeneration costs	Domestic softening for chlorinated water
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