

TULSION[®] A- 26 OH SM

PREMIUM GRADE STRONG BASE ANION EXCHANGE RESIN

TULSION A-26 OH SM is a premium grade, strong base anion exchange resin, with polystyrene matrix containing quaternary ammonium Type-1 groups with excellent physical and chemical properties, supplied in the Hydroxide form.

TULSION A- 26 OH SM. The main advantage of this resin is high operating capacity and has exceptional physical and chemical stability. Its particle size distribution is so selected to suit the desired application in water treatment & process application. This resin exhibits excellent resistance to osmotic shocks and offers stable capacity. It suited for use in wide range of pH.

TYPICAL CHARACTERISTICS OF TULSION[®] A- 26 OH SM

Type	: Strong Base Anion exchange resin
Matrix structure	: Polystyrene Copolymer
Functional group	: Quaternary Ammonium group
Physical form	: Moist Spherical beads
Ionic form	: Hydroxide
Screen size	: 16 to 40 US Mesh
Particle size mm (95%)	: 0.4 to 1.2 mm
Particles > 1.2 mm	: 2% max
Particle < 0.4 mm	: 1%
Uniform Coefficient	: 1.45 max
Total Exchange Capacity (minimum)	: 1.20 meq/ml
Moisture content	: 65 ± 3 %
Reversible Swelling (Cl to OH) approx	: 20%
Suitable pH range	: 0 to 14
Solubility	: Insoluble in All common solvents.



TYPICAL OPERATING CHARACTERISTICS OF TULSION® A-26 OH SM

Maximum operating temperature	: 80°C
Resin bed depth	: 800 mm
Maximum service flow	: 60 BV/hr.
Backwash flow rate (for 60 to 70% Expansion)	: 5 to 10 m ³ /hr/m ² .
Regenerant	: NaOH
Regeneration level	: 40 to 160 g/l
Regenerant Concentration	: 4 to 5%
Regeneration flow rate	: 5 to 10 m ³ /hr/m ³
Regeneration Contact Time	: 20 to 60 mins.
Slow Rinse flow rate	: At regeneration flow rate (mini 2BV)
Fast Rinse	: At Service flow rate

Testing :

The sampling and testing of ion exchange resin is done as per standard testing procedures, namely ASTM D-2187 and IS-7330, 1998.

Packing

Super Sack	1000 lit	Super Sack	35 cft
MS drums	180 lit.	Fiber Drums	7 cft
HDPE lined Bags	25 lit.	HDPE Lined Bags	1 cft

For Handling, Safety and Storage requirements please refer to the individual Material Safety Data Sheets available at our offices. The data included herein are based on test information obtained by Thermax Limited. These data are believed to be reliable, but do not imply any warranty or performance guarantee. Tolerances for characteristics are per BIS/ASTM. We recommend that the user should determine the performance of the product by testing on his own processing equipment.

For further information, please contact: resins@thermaxindia.com



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In view of our constant endeavor to improve the quality of our products, we reserve the right to change their specifications without prior notice.



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