Persian Gulf Petrochemical Industry Company
Khuzestan Petrochemical Company
(KZPC)

EPIRAN-06(EXC)

Product Data Sheet

E-06 (EXC): LIQUID EPOXY RESIN SPECIAL

Description:

EPIRAN–06(EXC) is a General Purpose Liquid Epoxy Resin. It does not contain any Diluents. Curing Agents used are Aliphatic Polyamines, Polyamides, Amidoamines, Cyclo-Aliphatic Amines and modifiers of above curing agents.

Applications:

Adhesives, Casting, Tooling, Civil Engineering, Composites, Automotive, Can and Coil Coating, Marine and Protective Coatings. Electrical and Electronics use: Potting and Encapsulation.

PROPERTIES	TYPICAL VALUES	UNIT	TEST METHODS
Appearance	**Colorless transparent liquid**	------	*Visual*
Color	*Max. 15*	*Pt-Co APHA*	*ASTM 1209*
Viscosity	*10000-14000*	*mPa.s*	*DIN 53015@25^{0}C*
Epoxide Equivalent Weight(EEW)	*185-192*	*g/eq*	*ASTM D1652*
Epoxide Group Content(Epoxy Value)	*0.520–0.540*	*mol/100 g*	*ASTM D1652*
Hydrolysable Chlorine content	*Max. 0.1*	*% wt*	*ASTM 1726*
%Non-Volatile content	*Min 99.3*	*% wt*	*DIN EN ISO 3251*

NOTE: TYPICAL PROPERTIES ARE NOT TO BE CONSTRUED AS SPECIFICATIONS.

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