



Persian Gulf Petrochemical Industry Company
Khuzestan Petrochemical Company
(KZPC)

EPIRAN-01 X75 (LC)

Product Data Sheet

E-01 X-75(LC): SOLID EPOXY RESIN SOLUTION IN MIXED XYLENE

Description:

Epiran-01 X-75(LC) is Low Mol. Wt “1-type” Epoxy resin solution.

Applications:

Epiran-01 X-75(LC) is used for cold cured Varnished, Solvent based 2-pack coatings for Metals, as modifier in staving enamels based on acrylics, Alkyd-Melamine resin systems and hot cured adhesives manufacture.

PROPERTIES	TYPICAL VALUES	UNIT	TEST METHODS
<i>Appearance</i>	<i>Clear Light Yellow Liquid</i>	<i>-----</i>	<i>Visual</i>
<i>Color</i>	<i>Max. 40</i>	<i>Pt-Co APHA</i>	<i>ASTM 1209</i>
<i>Viscosity</i>	<i>6000-12000</i>	<i>mPa.s</i>	<i>DIN 53015@25⁰C</i>
<i>Epoxide Equivalent Weight(EEW)</i>	<i>434-555</i>	<i>g/eq</i>	<i>ASTM D1652</i>
<i>Epoxide Group Content(Epoxy Value)</i>	<i>0.180-0.230</i>	<i>mol/100 g</i>	<i>ASTM D1652</i>
<i>Hydrolysable Chlorine content</i>	<i>Max. 0.1</i>	<i>% wt</i>	<i>ASTM 1726</i>
<i>%Non-Volatile content</i>	<i>74-76</i>	<i>% wt</i>	<i>DIN EN ISO 3251</i>

Packing: Each Pallet is 880 kg ; 4 barrels of 220 kg on one pallet

Licensor: ICSO

Handling and Storage:

Storage : Avoid all unnecessary exposure.

minimize source of ignition, such as static build-up, spark or flame. Store in original container. Storage temperature is 10 – 32 °C. This product has a minimum shelf life (no maximum) of five (5) years from date of certification at recommended storage conditions

Handling: keep away from heat, sparks and flame. Keep in container closed. Use with adequate ventilation .avoid contact with skin and clothing. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Avoid breathing vapor. Wash thoroughly after handling.

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