



National Petrochemical Company  
 Khuzestan Petrochemical Company  
 (KZPC)

**EPIRAN-01 X-75**

**PRODUCT DATA SHEET**

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

**Description:**

*Epiran-01 X-75 is Low Mol. Wt "1-type" Epoxy resin solution.*

**Applications:**

*Epiran-01 X-75 is used for Cold Cured Varnishes, Solvent based 2 - pack Coatings for Metals, as Modifier in Stoving Enamels based on Acrylics, Alkyd-Melamine resin systems and Hot Cured Adhesives manufacture.*

**Guarantee Sales Specification:**

PROPERTY	TEST METHOD	UNIT	GUARANTEE VALUES
<i>Appearance</i>	<i>Visual</i>	<b>Visual</b>	<b>Clear Light Yellow Liquid</b>
<i>Epoxy Equivalent</i>	<i>ASTM D1652</i>	<b>g/eq</b>	<b>434-555</b>
<i>Epoxy Value</i>	<i>ASTM D1652</i>	<b>mol/100g</b>	<b>0.180-0.230</b>
<i>Color</i>	<i>ASTM 1209 (APHA)</i>	<b>Pt-Co (APHA)</b>	<b>Max 100</b>
<i>Hydrolysable Chlorine</i>	<i>ASTM 1726</i>	<b>% wt</b>	<b>Max 0.1</b>
<i>Viscosity</i>	<i>DIN 53015 (@25 C)</i>	<b>Mpas</b>	<b>6000-12000</b>
<i>%Non-Volatile</i>	<i>DIN EN ISO 3251</i>	<b>% wt</b>	<b>74-76</b>

**Factory Address: Site 4, Pet Zone, Bandar Imam, Khuzestan, IRAN.**

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