

Description:

EPU group are liquid solvent free epoxy resin/Polyurethane hybrid network by medium molecular weight and low to high viscosity with combined advantage/abilities of epoxy and polyurethane by means of their chemical structure

Properties:

<i>Appearance</i>	<i>Viscosity (25°C -cPs)</i>	<i>Density (g/cm³)</i>	<i>Volatile Max%</i>	<i>Color (Gardner)</i>	<i>Odor</i>
<i>Colorless transparent</i>	<i>2500-3500</i>	<i>1.12</i>	<i>0.5-2</i>	<i>1</i>	<i>mild</i>

Curing:

these resins can be cured with almost any epoxy resins curing agents such as different types of aliphatic or cycloaliphatic amins and amides – acidanhydrides and etc....

Mixing Ratio phr with different curing agents and different results

<i>F205 (gr)</i>	<i>Potlife (Min)</i>	<i>Hardness (shore)</i>	<i>TETA (gr)</i>	<i>Potlife (Min)</i>	<i>Hardness (shore)</i>	<i>IPDA</i>	<i>Potlife (Min)</i>	<i>Hardness (shore)</i>
<i>55</i>	<i>60</i>	<i>A80</i>	<i>15</i>	<i>15</i>	<i>D50</i>	<i>25</i>	<i>60</i>	<i>D60</i>

*100gr mixture of resin and hardener in 25°C

Application:

EPU group are used to formulate ,high performance tough flexible to high elastic Coatings Sealants and Composite being used in construction ,aerospace, marine and electronic applications

Packaging:

EPU group polymers are available in 200 Liter drums , and 1000 Liter IBC

Storage& Shelf life:

Shelf life under appropriate storage conditions min 12 months.
Store the container in cool and dry area, **keep it closed when not in use** .



Under the license of  German technology

Legal Disclaimer:

All information ,appearing in this sheet is based upon test and data believed to be reliable,however It is the user`s responsibility to determined the suitability for his own use of the products described here Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent All orders accepted shall be subjected to the standard conditions of sale of the manufacturing company .

Polymeriran industry