

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:

Appearance	Viscosity (25°C -cPs)	Density (g/cm ³)	Volatile Max%	Color (Gardner)	Odor
Colorless transparent	10000-12000	1.12	0.5-2	1	mild

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

Mixing Ratio phr with different curing agents and different results

F205 (gr)	Portlife (min)	Hardness (ShoreD)	TETA (gr)	Portlife (min)	Hardness (ShoreD)	IPDA	Portlife (min)	Hardness (ShoreD)
60	60	D40	15	15	D70	25	60	D75

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

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
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