

**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 <sup>3</sup> )	Volatile Max%	Color (Gardner)	Odor
Colorless transparent	1000-2000	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)
50	60	A40	15	15	A90	X	X	X

\*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:**

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