

DEX-121

Epoxy Resin

Product data

Decription

DEX-121 is a high purity liquid epoxy resin produced from bisphenol a and epichlorohydrin. Because of its high purity and low polymer fractions content, wb-121 epoxy resin assures uniform performance and exceptionally low viscosity, low chloride content and light color. It provides improved elevated temperature properties under some cure conditions. Cycloaliphatic polyamines, polyamides, amidoamines, and a wide variety of curing agents can be available to cure DEX-121. DEX-121 epoxy resin might crystallize. This reversible, physical phenomena can be greatly avoided by storing the resin at temperatures not below 25°C.

Packing

- ISO TANK / IBC / DRUM

Technical Properties

Property	Unit	Value
Epoxy equivalent weight	G/EQ	170-176
Viscosity at 25°C	PA.S	3500-5500
Color	PT/CO SCALE ≤	10
Hydrolysable chlorine	(MG/KG) ≤	300
Water	(%) ≤	0.05
Solvent Residues	(MG/KG) ≤	100
Inorganic Chlorine	(MG/KG) ≤	5.0
Total Chlorine	(MG/KG) ≤	500-1000

Applications

DEX-121 is used mainly in filament winding, electrical laminates and encapsulation, marine and protective coatings, adhesives, composites applications

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China
Jiangsu, Changzhou
Tel +86 0512 63659101sales@dexresin.com
info@dexresin.com

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