

CRYSTAL CLEAR EPOXY RESIN

Description

Crystal clear epoxy is an unmodified liquid epoxy resin with medium viscosity produced from bisphenol-A and epichlorohydrin. This is a standard liquid epoxy resin and a wide variety of curing agents are available to cure this liquid epoxy resin at ambient conditions and also at elevated temperature. When cured with appropriate hardener, gives excellent mechanical, chemical, electrical and adhesion properties. Because of these properties it finds use in various applications.

Specification

Appearance	Visual	Clear, colourless
Colour	ASTM D 1544-04	0.5 G max.
Epoxy Equivalent weight	ASTM D 1652-04	185 – 194 g/eq
Viscosity @25°C	ASTM D 2196-05	11,000 – 14,000 cP
Hydrolysable Chlorine	ASTM D 1726-03	0.05 % max



Packing

Crystal clear epoxy resin is packed and delivered in standard packing. Other packs are available on request.

Storage

Crystal clear epoxy resin should be stored in original tightly closed container, in dry and warm conditions to avoid crystallization. Under these conditions, it has a storage life of at least two years from the date of manufacturing. It may become hazy or crystallize upon long storage especially when exposed to low temperatures. The resin can be restored to its original condition by warming to 55-60°C while stirring. For handling or pumping the maximum temperature recommended is 80°C.