



CCP Epoxy Resin BFE-170

Bisphenol F type, Low viscosity, Liquid Epoxy Resin

Description

BFE-170 is a low viscosity epoxy resin produced from Bisphenol F and epichlorohydrin. It contains no diluent.

Applications

BFE-170 may be used alone or in mixture with other liquid epoxy resins, e.g. BE-188.
BFE-170 provides a means of reducing viscosity and also of conferring a degree of crystallisation resistance to the resin blend.
Typical uses include compositions for the building and civil engineering industries, e.g. flooring compounds, adhesives, mortars and grouts.
Filament winding for composites. Solvent-free and high-solids coatings.

Properties

Low tendency to crystallize.
Very good processing properties.
Good pigment wetting and good resistance to filler settling.

Sales specification

Property	Value	Test Method
Appearance	Yellowish transparent	By visual
EEW	163-173	ASTM D1652
Viscosity/25°C	2500-4500 cps	Brookfield
Colour(ALPHA)	≤200	ASTM D1209

Typical properties

Density at 25°C ASTM D4052 1.17 kg/L
Flash point (PMCC) ASTM D93 >150°C

Storage

BFE170 should be stored at room temperature in conditions such that moisture is excluded, in the original containers kept tightly closed. Under these conditions the shelf life should be a minimum of three years from date of certification. If BFE170 develops a haziness or crystallises on storage, this can be dispersed and the resin restored to its original condition by warming to 55-65°C, with stirring.

Handling precautions

Reference must be made to the Safety Data Sheet for this product