

Cargill ChemMod[®] 116 reactive diluent

Product Description

ChemMod[®] 116 reactive diluent is a monofunctional, aliphatic, 2-ethylhexanol diglycidyl ether. At lower blend percentages in standard liquid epoxy resin, ChemMod[®] 116 product works well to cut viscosity and extend potlife while maintaining hardness development.

Typical Properties

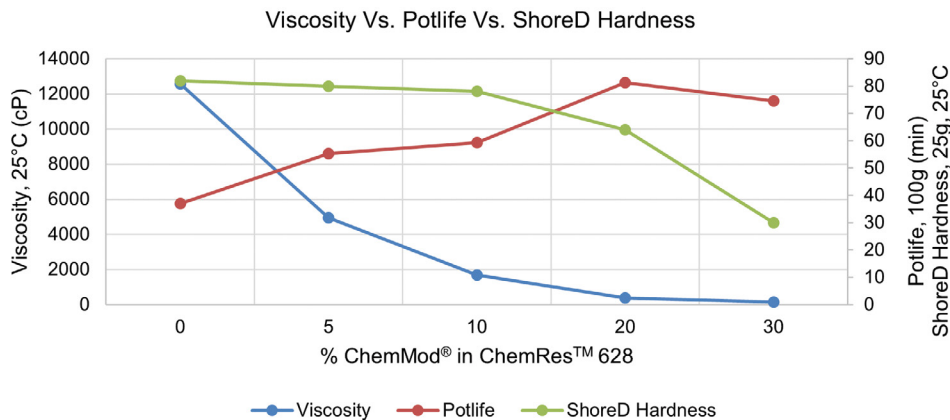
	TYPICAL VALUE	UNIT OF MEASURE
Color	10	APHA
Viscosity @ 25°C	3	cP
Density @ 25°C	7.6	lb/gal
Hydrolyzable Chlorides	0.02	%
Equivalent Weight (WPE)	215	wt per epoxide

Performance Properties

% ChemMod [®] 116 in ChemRes [™] 628 (WPE = 186)	Viscosity, cP 25°C / 77°F	Potlife, min (100g) 75°F / 50% Rel. Humidity	ShoreD Hardness, 24hr (25g) 75°F / 50% Rel. Humidity
0%	12,560	37	82
5%	4,953	55.25	80
10%	1,691	59.2	78
20%	377	81.2	64
30%	131	74.6	30

Note: Data is based on lab testing performed with ChemCure[®] 310 curing agent (AHEW = 111).

ChemMod® 116 reactive diluent



Compatibility

ChemMod® 116 reactive diluent is compatible with most curing agents, epoxy resins, and other components of epoxy systems, however, compatibility testing prior to large-scale application is recommended to ensure safe use.

Packaging, Storage, and Handling

ChemMod® 116 product is available in drums and totes. Keep away from extreme heat, cold, and moisture. Please refer to the product’s safety data sheet for shipping, safety, and handling.

Note: It is recommended that opened drums use a desiccant tube in the bleed bung and are covered with a nitrogen blanket if the drum will be stored as a partial for later use.

Shelf Life

The recommended shelf life is 12 months in unopened containers maintained at a proper storage temperature of 25°C.

Environmental and Safety

Please refer to the product’s safety data sheet.

If you have further questions do not hesitate to **reach out to your local representative.**

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