

Cargill ChemMod[®] 32 reactive diluent

Product Description

ChemMod[®] 32 reactive diluent is a difunctional, aliphatic, polypropylene glycol diglycidyl ether. In standard liquid epoxy resin, ChemMod[®] 32 product extends potlife while maintaining hardness development up to higher blend percentages required to cut viscosity.

Typical Properties

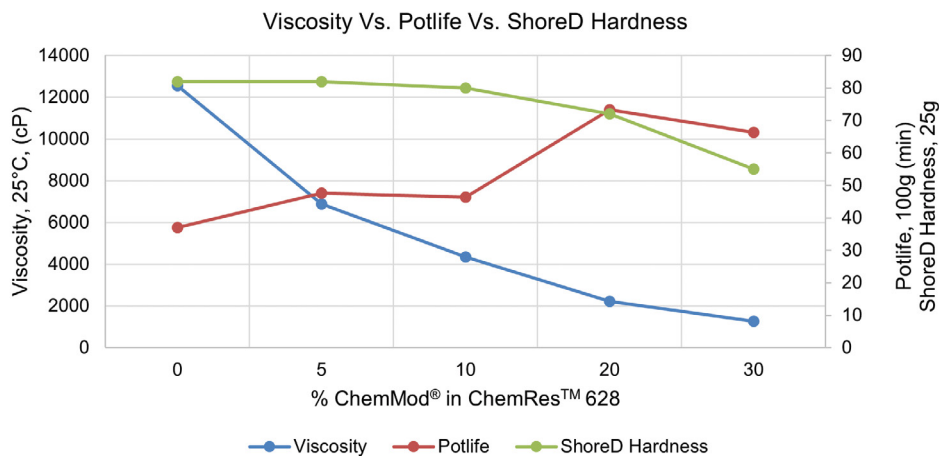
	TYPICAL VALUE	UNIT OF MEASURE
Color	55	APHA
Viscosity @ 25°C	65	cP
Density @ 25°C	8.9	lb/gal
Hydrolyzable Chlorides	0.01	%
Equivalent Weight (WPE)	320	wt per epoxide

Performance Properties

% ChemMod [®] 32 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%	6,896	47.6	82
10%	4,321	46.4	80
20%	2,218	73.2	72
30%	1,254	66.4	55

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

ChemMod® 32 reactive diluent



Compatibility

ChemMod® 32 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® 32 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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