

Cargill ChemMod[®] 107 reactive diluent

Product Description

ChemMod[®] 107 reactive diluent is a difunctional, aliphatic, cyclohexanedimethanol diglycidyl ether. In standard liquid epoxy resin, ChemMod[®] 107 product maintains potlife and hardness development at higher blend percentages required to cut viscosity.

Typical Properties

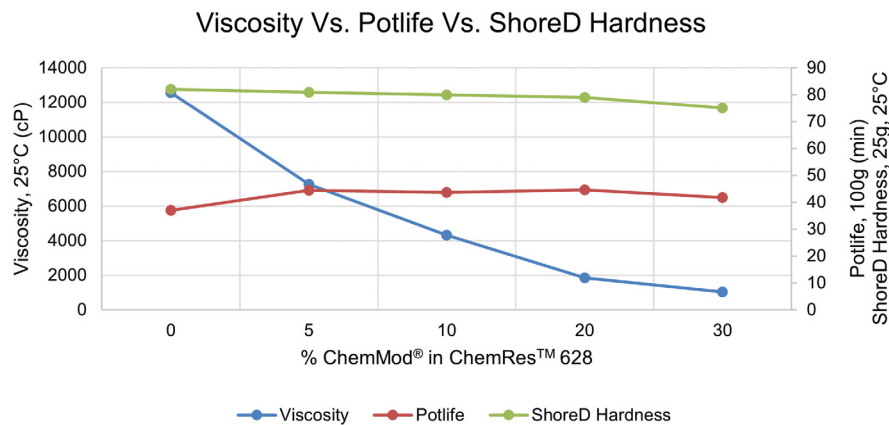
	TYPICAL VALUE	UNIT OF MEASURE
Color	25	APHA
Viscosity @ 25°C	70	cP
Density @ 25°C	9.2	lb/gal
Hydrolyzable Chlorides	0.09	%
Equivalent Weight (WPE)	160	wt per epoxide

Performance Properties

% ChemMod [®] 107 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%	7,265	44.4	81
10%	4,328	43.7	80
20%	1,855	44.6	79
30%	1,031	41.7	75

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

ChemMod® 107 reactive diluent



Compatibility

ChemMod® 107 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® 107 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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