

# Cargill ChemMod<sup>®</sup> 48 reactive diluent

## Product Description

ChemMod<sup>®</sup> 48 reactive diluent is a trifunctional, aliphatic, Trimethylol propane triglycidyl ether. In standard liquid epoxy resin, ChemMod<sup>®</sup> 48 product maintains potlife and hardness development at higher blend percentages required to cut viscosity.

## Typical Properties

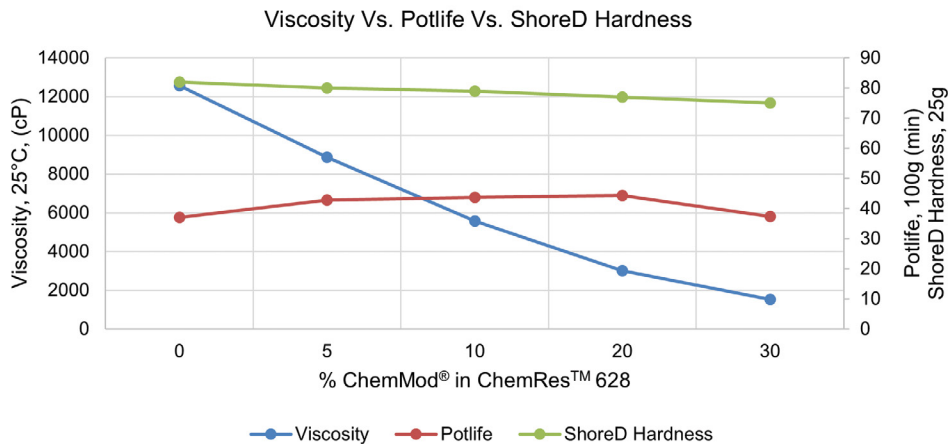
	TYPICAL VALUE	UNIT OF MEASURE
Color	0.1	Gardner
Viscosity @ 25°C	140	cP
Density @ 25°C	9.6	lb/gal
Hydrolyzable Chlorides	0.04	%
Equivalent Weight (WPE)	140	wt per epoxide

## Performance Properties

% ChemMod <sup>®</sup> 48 in ChemRes <sup>™</sup> 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%	8,875	42.8	80
10%	5,586	43.75	79
20%	3,000	44.3	77
30%	1,523	37.4	75

Note: Data is based on lab testing performed with ChemCure<sup>®</sup> 310 curing agent (AHEW = 111).

### ChemMod® 48 reactive diluent



### Compatibility

ChemMod® 48 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® 48 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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