

Cargill ChemCure[®] 183 curing agent

Product Description

ChemCure[®] 183 amidoamine curing agent has good flexibility and high gloss that does not require induction. ChemCure[®] 183 curing agent is recommended for civil engineering, industrial maintenance, and marine coatings.

Typical Properties

	TYPICAL VALUE	UNIT OF MEASURE
Color	4	Gardner
Viscosity @ 25 °C	2,700	cP
Density @ 25 °C	8.4	lb/gal
Amine Value	220	mg KOH/g sample
Equivalent Weight (AHEW)	178	wt/{H}
PHR	95	NA

Performance Properties

	TYPICAL VALUE 72°F / 50% Rel. Humidity	TYPICAL VALUE 50°F / 80% Rel. Humidity
Gel Time, 150g (min)	70	221
Work Time, 10 mil (min)	180	489
Dry time, tack-free, 10 mil (min)	200	> 24 hr
Dry time, walk-on, 10 mil (min)	235	> 24 hr
Hardness, 24 Hr, 25g (ShoreD)	35	-

Note: Data is based on lab testing performed with ChemRes[™] 628 epoxy resins (Equivalent Weight = 186).

	TYPICAL VALUE 72°F / 50% Rel. Humidity	TYPICAL VALUE 50°F / 80% Rel. Humidity
Gel Time, 150g (min)	90	377
Work Time, 10 mil (min)	197	584
Dry time, tack-free, 10 mil (min)	217	> 24 hr
Dry time, walk-on, 10 mil (min)	257	> 24 hr
Hardness, 24 Hr, 25g (ShoreD)	20	-

Note: Data is based on lab testing performed with ChemRes[™] 619 epoxy resins (Equivalent Weight = 192).

Compatibility

ChemCure® 183 curing agent 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

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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