

Cargill ChemCure[®] 280 curing agent

Product Description

ChemCure[®] 280 polycycloaliphatic amine curing agent produces films and coatings with superior chemical and water spot resistance at ambient and low temperatures curing conditions. ChemCure[®] 280 curing agent also possesses good amine blushing resistance at ambient temperatures.

Typical Properties

	TYPICAL VALUE	UNIT OF MEASURE
Color	6.5	Gardner
Viscosity @ 25 °C	315	cP
Density @ 25 °C	8.6	lb/gal
Amine Value	245	mg KOH/g sample
Equivalent Weight (AHEW)	112	wt/{H}
PHR	60	NA

Performance Properties

	TYPICAL VALUE 72°F / 50% Rel. Humidity	TYPICAL VALUE 50°F / 80% Rel. Humidity
Gel Time, 150g (min)	41	127
Work Time, 10 mil (min)	173	338
Dry time, tack-free, 10 mil (min)	348	814
Dry time, walk-on, 10 mil (min)	443	1104
Hardness, 24 Hr, 25g (ShoreD)	63	-

	TYPICAL VALUE 23°F / 20% Rel. Humidity
Dry time, tack-free, 10 mil (min)	2730

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)	69	241
Work Time, 10 mil (min)	206	635
Dry time, tack-free, 10 mil (min)	454	1182
Dry time, walk-on, 10 mil (min)	555	1393
Hardness, 24 Hr, 25g (ShoreD)	55	-

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

PRODUCT DATA

Compatibility

ChemCure® 280 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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