

# Cargill ChemCure® 310 curing agent

## Product Description

ChemCure® 310 cycloaliphatic amine curing agent produces low yellowing films with high gloss and blush resistance.

## Typical Properties

	TYPICAL VALUE	UNIT OF MEASURE
Color	0.2	Gardner
Viscosity @ 25 °C	520	cP
Density @ 25 °C	8.6	lb/gal
Amine Value	275	mg KOH/g sample
Equivalent Weight (AHEW)	111	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)	34	132
Work Time, 10 mil (min)	112	286
Dry time, tack-free, 10 mil (min)	235	612
Dry time, walk-on, 10 mil (min)	280	804
Hardness, 24 Hr, 25g (ShoreD)	81	-

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)	47	220
Work Time, 10 mil (min)	241	429
Dry time, tack-free, 10 mil (min)	352	839
Dry time, walk-on, 10 mil (min)	370	1017
Hardness, 24 Hr, 25g (ShoreD)	68	-

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

## PRODUCT DATA

### Compatibility

ChemCure® 310 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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