

# Cargill ChemCure<sup>®</sup> 352 curing agent

## Product Description

ChemCure<sup>®</sup> 352 Mannich base curing agent with low viscosity, light color, fast curing, low sensitivity to water, and excellent blush resistance. ChemCure<sup>®</sup> 352 curing agent is also well suited for challenging applications and environments where chemical, moisture, and corrosion resistance are required.

## Typical Properties

	TYPICAL VALUE	UNIT OF MEASURE
Color	2	Gardner
Viscosity @ 25 °C	300	cP
Density @ 25 °C	8.6	lb/gal
Amine Value	385	mg KOH/g sample
Equivalent Weight (AHEW)	76	wt/{H}
PHR	40	NA

## Performance Properties

	TYPICAL VALUE 72°F / 25% Rel. Humidity	TYPICAL VALUE 50°F / 80% Rel. Humidity
Gel Time, 150g (min)	17	36
Work Time, 10 mil (min)	64	160
Dry time, tack-free, 10 mil (min)	106	240
Dry time, walk-on, 10 mil (min)	139	370
Hardness, 24 Hr, 25g (ShoreD)	81	-

	TYPICAL VALUE 23°F / 20% Rel. Humidity
Dry time, tack-free, 10 mil (min)	540

Note: Data is based on lab testing performed with ChemRes<sup>™</sup> 628 epoxy resins (Equivalent Weight = 186).

## PRODUCT DATA

	TYPICAL VALUE 72°F / 50% Rel. Humidity	TYPICAL VALUE 50°F / 80% Rel. Humidity
Gel Time, 150g (min)	21	60
Work Time, 10 mil (min)	78	213
Dry time, tack-free, 10 mil (min)	138	354
Dry time, walk-on, 10 mil (min)	167	465
Hardness, 24 Hr, 25g (ShoreD)	82	-

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

### Compatibility

ChemCure® 352 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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