

# Cargill ChemCure® 153LVZ curing agent

## Product Description

ChemCure® 153LVZ modified polyamide curing agent creates coatings with good adhesion to poorly prepared metal surfaces such as steel, galvanized steel, and aluminum.

## Typical Properties

	TYPICAL VALUE	UNIT OF MEASURE
Color	4	Gardner
Viscosity @ 25 °C	390	cP
Density @ 25 °C	8.5	lb/gal
Amine Value	350	mg KOH/g sample
Equivalent Weight (AHEW)	115	wt/{H}
PHR	62	NA

## Performance Properties

	TYPICAL VALUE 72°F / 50% Rel. Humidity	TYPICAL VALUE 50°F / 80% Rel. Humidity
Gel Time, 150g (min)	40	170
Work Time, 10 mil (min)	137	261
Dry time, tack-free, 10 mil (min)	174	414
Dry time, walk-on, 10 mil (min)	216	595
Hardness, 24 Hr, 25g (ShoreD)	72	-
TYPICAL VALUE 23°F / 20% Rel. Humidity		
Dry time, tack-free, 10 mil (min)	1500	

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)	63	246
Work Time, 10 mil (min)	184	373
Dry time, tack-free, 10 mil (min)	217	500
Dry time, walk-on, 10 mil (min)	242	745
Hardness, 24 Hr, 25g (ShoreD)	74	-

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

## PRODUCT DATA

### Compatibility

ChemCure® 153LVZ 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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