

Description

ETHACURE 100-LC curative is a low-color curing agent for polyurethanes and epoxy resins. It may also be used as a chain extender for polyurethane and polyurea elastomers, particularly in reaction injection molding and spray applications.

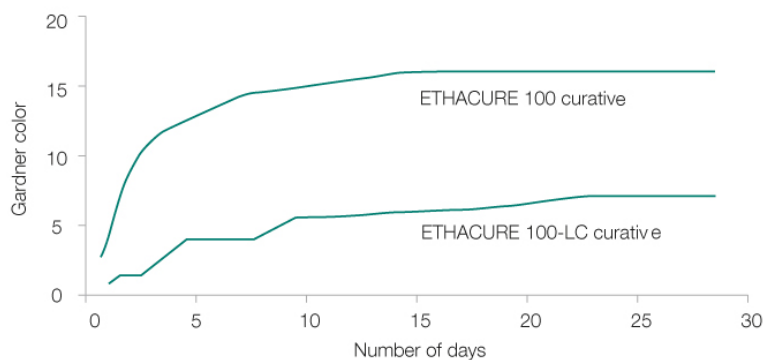
Typical composition

3,5-diethyltoluene-2,4-diamine, %	75–81
3,5-diethyltoluene-2,6-diamine, %	18–20
Dialkylated m-phenylenediamines, %	0.5–3
Water, %	<0.08

Typical properties

Appearance	Clear, light colored liquid*
Color, Gardner scale	~2.0 (when packaged), see graph
Molecular weight	178.28
Boiling point, °F (°C)	555 (308)
Density at 68°F (20°C), g/ml	1.022
lb/gal	8.50
Pour point, °F (°C)	15 (-9)
Flash point (PMCC), °F (°C)	336 (169)
Viscosity at 68°F (20°C), cSt	280
Viscosity at 77°F (25°C), cSt	155
Solubility	
Ethanol	Miscible
Toluene	Miscible
Water	1.0
Equivalent weight with isocyanates	89.1
Equivalent weight with epoxy resins	44.6

*Darkens with time and exposure to air



Shipping information

Container sizes:

Tank cars
Tank trailers
Drums: 5- and 55-gal, nonreturnable steel

Shipping classification:

US. DOT: Not regulated in transportation
IMO or ICAO: Class 9

Other information:

US TSCA Chemical Inventory Number: CAS 68479-98-1

Safety and handling information

Before handling or using this product, the material safety data sheet should be read and understood. This can be obtained from your Albemarle sales representative.

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