

Cardolite[®] NT-1545

Epoxy Curing Agent

Preliminary Technical Datasheet

DESCRIPTION

Cardolite NT-1545 is a low viscosity, reactive polyamide, designed for use with solid or liquid epoxy resins to give tough, chemical resistance. NT-1545 resin systems are useful in encapsulating potting and laminating applications, can also be used in low viscosity thermoset adhesive formulations as well as industrial maintenance surface coatings and primers.

TYPICAL PROPERTIES

PROPERTY	TYPICAL VALUES	TEST METHOD
Appearance	Amber color liquid	Visual
Color (Gardner)	8	ASTM D1544
Viscosity @ 25°C (cPs)	2,000 - 4,000	ASTM D2196
Amine Value (mg KOH/g)	370 - 400	ASTM D2074
Theoretical Active Hydrogen Equivalent (AHEW) ¹	103	Calculated
Density @ 25°C (kg/L) (lbs/gal)	8.0 0.9586	ASTM D1475
Flash point	182°C / 359°F	ASTM D93
Recommended Use Level (phr, EEW 190 / 666.7)	54 / 15.4	-
Shelf Life (Months)	24	

Typical properties are not to be construed as specifications

¹Based on total product weight

REGULATORY STATUS

Please refer to the material safety data sheet (MSDS). Specific information regarding chemical inventory listing can be obtained from your local sales representative.

SAFETY PRECAUTIONS

Please refer to the material safety data sheet (MSDS). Copies of the MSDS can be requested on the Cardolite website or via your local sales representative.

STABILITY AND STORAGE

Cardolite products may absorb moisture and carbon dioxide when left in open containers, which could result in increased viscosity, discoloration, reduction of reactivity, and/or crystallization of the products. These products should be kept tightly sealed in their original containers when not in use, and stored in a cool, dry place.

CONTACT INFORMATION



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