

Cardolite[®] NX-5341

CNSL Resin

Technical Datasheet

DESCRIPTION

Cardolite NX-5341 is solvent free, high viscosity resin used as a binder for friction products. Together with hexamine as cross-linking agent, NX-5341 provides a heat-curable thermosetting resin system that offers all of the desirable characteristics of impact resistance, flexibility and thermal stability.

PROPERTIES

PROPERTY	SPECIFICATION	TEST METHOD
Viscosity @ 25°C (cPs)	40,000 – 51,000	NTM 13
Gel time @ 82°C (min)	35 - 55	NTM 24
Gel particles (visual), particles/g	≤ 20	NTM 97
Solids (%)	≥ 97	NTM 7

PROPERTY	TYPICAL VALUE	TEST METHOD
Shelf Life (Months)	6	-

Typical properties are not to be construed as specifications
¹Based on total product weight

APPLICATIONS

Cardolite NX-5341 provides excellent strength for heavy duty and rail applications.

ADVANTAGES

- Provides excellent strength
- Solvent free

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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