

# Cardolite<sup>®</sup> NC-342X

## CNSL Resin

### Technical Datasheet

#### DESCRIPTION

Cardolite NC-342X is an elastomer modified, 80% solids resin in an aliphatic solvent blend used as a binder for friction products. Together with hexamine as cross-linking agent, NC-342X 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)	12,000 – 20,000	NTM 13
Gel time @ 82°C (min)	8 - 20	NTM 24
Gel particles (visual), particles/g	≤ 20	NTM 97
Solids (%)	78 - 82	NTM 7

PROPERTY	TYPICAL VALUE	TEST METHOD
Shelf Life (Months)	3	-
Density @ 25°C (kg/L) (lbs/gal)	0.91 7.6	NTM 62

Typical properties are not to be construed as specifications

<sup>1</sup>Based on total product weight

#### APPLICATIONS

Cardolite NC-342X provides very good processing viscosity and finds use in NAO applications that require high temperature stability and very good flexibility.

#### ADVANTAGES

- Good processing viscosity
- Improved flexibility

## REGULATORY STATUS

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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

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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

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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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