

# Cardolite® NC-108

## Black Friction Particle

### Technical Datasheet

#### DESCRIPTION

Cardolite NC-108 is a standard black granular, free flowing, cured solid resin derived from cashew nutshell liquid.

#### PROPERTIES

PROPERTY	SPECIFICATION	TEST METHOD
Acetone Extraction (%)	≤ 10	NTM 2
Ash (%)	≤ 2	NTM 3
Volatile Loss @ 370°C / 698°F (%)	≤ 30	NTM 1
Moisture (%)	≤ 1	NTM 5
Screen Analysis, % residual		NTM 4
On U.S. standard sieve #20 (850 µm)	≤ 0.2	
On U.S. standard sieve #30 (600 µm)	≤ 2	
On U.S. standard sieve #40 (425 µm)	2 - 20	
On U.S. standard sieve #100 (150 µm)	40 - 70	
Through U.S. standard sieve #100	≤ 35	

PROPERTY	TYPICAL VALUE	TEST METHOD
Shelf Life (Years)	2	-

Typical properties are not to be construed as specifications

#### APPLICATIONS

Cardolite NC-108 is a standard black friction particle developed to withstand elevated temperatures while keeping a stable friction coefficient. This grade finds use in high performance brake applications and is designed to increase the contact surface hardness resulting into a lower wear rate.

#### ADVANTAGES

- Increase hardness
- Friction stabilizer in heavy duty applications
- Reduce wear
- Elevated temperature stability

## 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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Product packaging should be kept tightly closed when not in use, and the material stored in a cool, dry place.

## CONTACT INFORMATION

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