

# Cardolite<sup>®</sup> NX-5319

## Black Friction Particle

### Technical Datasheet

#### DESCRIPTION

Cardolite NX-5319 is a black granular, free flowing, cured solid resin derived from cashew nutshell liquid.

#### PROPERTIES

PROPERTY	SPECIFICATION	TEST METHOD
Acetone Extraction (%)	3 - 7	NTM 2
Ash (%)	≤ 3	NTM 3
Volatile Loss @ 370°C / 698°F (%)	21 - 25	NTM 1
Moisture (%)	≤ 1	NTM 5
Screen Analysis, % residual		NTM 4
On U.S. standard sieve #20 (850 µm)	0 - 0,5	
On U.S. standard sieve #40 (425 µm)	12 - 25	
On U.S. standard sieve #60 (250 µm)	31 - 45	
On U.S. standard sieve #100 (150 µm)	20 - 40	
Trough U.S. standard sieve #100	0 - 25	

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

Typical properties are not to be construed as specifications

#### APPLICATIONS

Cardolite NX-5319 is a hard, furfural modified black friction particle developed to withstand elevated temperatures in high performance brake applications while keeping a stable friction coefficient. This grade is particularly designed to increase the overall pad hardness resulting into a lower wear rate at elevated temperatures.

#### ADVANTAGES

- Friction stabilizer in high performance applications
- Increase overall pad hardness
- 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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