

Cardolite[®] NX-5311

Black Friction Particle

Technical Datasheet

DESCRIPTION

Cardolite NX-5311 is a black granular, neutral PH, free flowing, cured solid resin derived from cashew nutshell liquid.

PROPERTIES

PROPERTY	SPECIFICATION	TEST METHOD
Acetone Extraction (%)	≤ 4	NTM 2
Ash (%)	≤ 10	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	
On U.S. standard sieve #40 (425 µm)	≤ 1	
On U.S. standard sieve #60 (250 µm)	2 - 20	
On U.S. standard sieve #100 (150 µm)	22 - 51	
Through U.S. standard sieve #100	37 - 67	

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

Typical properties are not to be construed as specifications

APPLICATIONS

Cardolite NX-5311 is a neutral PH 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 reduce the overall pad hardness to keep compressibility within the desired range and to ensure a high level of comfort. Its neutral PH value reduces any potential corrosion issues.

ADVANTAGES

- Friction stabilizer in high performance applications
- Reduce pad hardness for high comfort
- Noise dampener
- Elevated temperature stability

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

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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