

Cardolite® NX-5207

Brown Friction Particle

Technical Datasheet

DESCRIPTION

Cardolite NX-5207 is an ultra fine, brown granular, free flowing, cured solid resin derived from cashew nutshell liquid.

PROPERTIES

PROPERTY	SPECIFICATION	TEST METHOD
Acetone Extraction (%)	≤ 6	NTM 2
Ash (%)	≤ 3	NTM 3
Volatile Loss @ 370°C / 698°F (%)	≤ 35	NTM 1
Moisture (%)	≤ 1	NTM 5
Screen Analysis, % residual		NTM 4
On U.S. standard sieve #100 (150 µm)	≤ 5	
On U.S. standard sieve #140 (106 µm)	10 - 50	
On U.S. standard sieve #200 (75 µm)	20 - 50	
On U.S. standard sieve #325 (45 µm)	20 - 50	
Through U.S. standard sieve #325	≤ 35	

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

Typical properties are not to be construed as specifications

APPLICATIONS

Cardolite NX-5207 is an ultra fine brown friction particle suitable for normal duty disc pad, drum lining applications and clutch facings. This grade will improve pre-burnish friction and will help stabilizing the friction coefficient in the 150°C to 300°C temperature range. NX-5207 will improve hardness and contributes to wear reduction.

ADVANTAGES

- Friction stabilizer in normal applications
- Reduces wear
- Increases hardness for higher performance
- Medium 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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