

Cardolite® NX-5208

Black Friction Particle

Technical Datasheet

DESCRIPTION

Cardolite NX-5208 is an ultra fine black granular, free flowing, cured solid resin derived from cashew nutshell liquid.

PROPERTIES

PROPERTY	SPECIFICATION	TEST METHOD
Acetone Extraction (%)	≤ 10	NTM 2
Ash (%)	≤ 3	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 #60 (250 µm)	< 0.1	
On U.S. standard sieve #100 (150 µm)	≤ 10	
On U.S. standard sieve #200 (75 µm)	35 - 65	
On U.S. standard sieve #325 (45 µm)	20 - 60	
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-5208 is an ultra fine black friction particle developed to withstand elevated temperatures while keeping a stable friction coefficient. This grade finds use in abrasives applications and clutch facings increasing the contact surface hardness resulting into a lower wear rate.

ADVANTAGES

- Increase hardness
- Reduce wear
- 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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