

Cardolite® NX-1820

Brown Friction Particle

Technical Datasheet

DESCRIPTION

Cardolite NX-1820 is a 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 #20 (850 µm)	≤ 1	
On U.S. standard sieve #30 (600 µm)	≤ 1	
On U.S. standard sieve #60 (250 µm)	20 - 55	
On U.S. standard sieve #100 (150 µm)	20 - 40	
Through U.S. standard sieve #100	20 - 45	

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

Typical properties are not to be construed as specifications

APPLICATIONS

Cardolite NX-1820 is a standard brown friction particle suitable for normal duty disc pad and drum lining applications. This grade will improve pre-burnish friction and will help stabilizing the friction coefficient in the 150°C to 300°C temperature range. NX-1820 will slightly increase pad or drum lining hardness resulting into a lower wear rate.

ADVANTAGES

- Friction stabilizer in normal applications
- Reduces wear
- Increases pad 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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