



NORDEL MG NDR 37060.02

Hydrocarbon Rubber

NORDEL™ MG NDR 37060.02 Hydrocarbon Rubber is a medium viscosity, medium-ethylene ethylene-propylene-diene terpolymer (EPDM) grade having a moderate cure rate that is suited to applications where low modulus, good elongation, as well as heat and weather aging resistance are required. NDR 37060.02 is produced in a unique granular form.

Main Characteristics

- Semi-crystalline
- Low diene
- High molecular weight
- Heat and UV stable
- Complies with U.S. FDA 21 CFR 177.2600.⁽¹⁾
Consult the regulations for complete details.

Applications

- Single ply roofing membranes
- Peroxide cured, heat resistant coolant hoses

Properties⁽²⁾

Typical Polymer	Test Method	Value
Mooney Viscosity, ML 1 + 4 @ 125°C	Calculated	60
Total Product Mooney Viscosity, ML 1 + 4 @ 125°C	ASTM D 1646	78
Polymer Composition, mass %		
Ethylene	ASTM D 3900	68
Ethylidenenorbornene	ASTM D 6047	2.2
Total Product Density, gm/ml	ASTM D 297	0.98
Total Volatiles, mass %	Dow Method	0.4 maximum
Carbon Black (N-650) Content, phr	Dow Method	28

(1) Polymer as sold excludes use in contact with milk or edible oil. Finished goods made with NORDEL MG NDR 37060.02 may be formulated to comply with use in contact with milk or edible oil, provided they meet the conditions outlined in 21 CFR 177.2600.

(2) These are typical properties and are not to be regarded as sales specifications.

Storage and Handling

NDR 37060.02 should be stored indoors in its original packaging. Due to possible size segregation during shipment, materials for laboratory evaluation should be homogenized to achieve a representative sample. Homogenized sample quantities are available for laboratory evaluation.

Product Stewardship

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- use in cardiac prosthetic devices regardless of the length of time involved; (Cardiac prosthetic devices include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass assisted devices);
- use as a critical component in medical devices that support or sustain human life; or
- use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.

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Additional Information

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