



Nordel[®] MG hydrocarbon rubber

A Product of DuPont Dow Elastomers

NDR 47130.01

Description

NDR 47130.01 is a developmental product in granular form that contains carbon black as a partitioning agent. It is a very high molecular weight, semicrystalline EPDM grade with a fast cure rate. It also offers an excellent combination of:

- very fast mixing with good dispersion level
- excellent tensile strength and compression set resistance, even at very high loading

It was designed for both highly extended thermoset compounds, used in applications such as extruded profiles, hose and sheeting, and also for the production of TPV compounds.

Form: Granular

Requirements at Time of Manufacture

Property	Specification Limits	Test Method
Polymer Mooney Viscosity (ML 1 + 4 at 125°C)	120 - 140	Calculated
Standard Compound Mooney Viscosity (ML 1 + 4 at 125°C)	Measure & Report	ASTM D-1646
Ethylene, mass%	65.5 - 68.5	ASTM D-3900
ENB, mass%	4.4-5.4	ASTM D-6047
Carbon Black (N-650) content, phr	26 - 34	DuPont Dow Method EPRG-2

NOTE: Propylene, mass% + Ethylene, mass% + ENB, mass% = 100%, per IISRP Convention

Other Typical Property Characteristics*

Property	Typical Value	Test Method
Total Product Density, g/cc	0.98	ASTM D-297
Total Volatiles, mass%	0.4 max.	DuPont Dow Method EPRG-21

* These are typical values only, not to be used as sales specifications.

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