

Dow Nordel® NDR 46140.01 EPDM Hydrocarbon Rubber

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Description: NDR 46140.01 is a developmental product in granular form that contains carbon black as a partitioning agent. It is a very high molecular weight, amorphous 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 highly extended compounds to be used in applications such as extruded profiles, hose and seals. Information provided by manufacturer. This former DuPont Dow Elastomers product line is now produced by Dow Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Nordel-NDR-4614001-EPDM-Hydrocarbon-Rubber.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in ³	ASTM D297
Volatiles	<= 0.40 %	<= 0.40 %	Total Volatiles; DuPont Dow EPRG-21
Mooney Viscosity	140 @Temperature 125 °C	140 @Temperature 257 °F	Polymer (calculated), ML 1 + 4

Descriptive Properties	Value	Comments
Carbon Black Content (N650)	30 phr	DuPont Dow EPRG-2
ENB	4.9 mass%	ASTM D6047
Ethylene	58 mass%	ASTM D3900

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