

Dow Nordel® NDR 47130.01 EPDM Hydrocarbon Rubber

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

Material Notes:

Description: NDR 47130.01 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 levelexcellent tensile strength and compression set resistance, even at very high loadingIt 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.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-4713001-EPDM-Hydrocarbon-Rubber.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in ³	ASTM D297
Volatiles	<= 0.40 %	<= 0.40 %	Total Volatiles; DuPont Dow EPRG-21
Mooney Viscosity	130 @Temperature 125 °C	130 @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	67 mass%	ASTM D3900

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