

Dow Nordel® NDR 47100.00 EPDM Hydrocarbon Rubber

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

Material Notes:

Description: NDR 47100 is a developmental product in granular form that contains carbon black as a partitioning agent. It is a high molecular weight semi-crystalline EPDM grade with high green strength that is designed for applications requiring high compound green strength and good tensile properties. It can also be used as a blend component to enhance green strength. It offers fast cure rates and high states of cure with standard sulfur cure systems. This product is suited for applications such as industrial hoses, radiator hoses and extruded profiles. 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-4710000-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	100 @Temperature 125 °C	100 @Temperature 257 °F	Polymer (calculated), ML 1 + 4

Thermal Properties	Metric	English	Comments
Crystallization Temperature	40.0 °C	104 °F	Onset; DuPont Test

Descriptive Properties	Value	Comments
Carbon Black Content (N650)	32 phr	DuPont Dow EPRG-2
ENB	4.9 mass%	ASTM D6047
Ethylene	73 mass%	ASTM D3900
Propylene	TBD	ASTM D3900

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China