

Dow Nordel® NDR 47085.03 EPDM Hydrocarbon Rubber

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

Material Notes:

Description: NDR 47085.03 is a developmental product in granular form which contains carbon black. NDR 47085.03 is a high molecular weight semicrystalline EPDM grade. It offers fast cure rates and high states of cure with standard sulfur cure systems. This product is suited for applications such as extruded profiles, hose and sheeting. 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-4708503-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	108 @Temperature 125 °C	108 @Temperature 257 °F	ML 1 + 4; ASTM D1646

Descriptive Properties	Value	Comments
Carbon Black Content (N650)	30 phr	DuPont Dow EPRG-2
ENB	4.5 mass%	ASTM D6047
Ethylene	69.5 mass%	ASTM D3900
Propylene	26 mass%	ASTM D3900

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