

Dow Nordel® IP 4770R EPDM Hydrocarbon Rubber

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

Material Notes:

Description: Nordel® IP 4770R is a high molecular weight semicrystalline grade and offers fast cure rates and high states of cure with standard sulfur cure systems. It offers high green strength and high extensibility. It is designed for extruded applications such as profiles and hose. It is also suitable for molded goods. This grade is available in rod form for improved mixing speed and throughput. 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-IP-4770R-EPDM-Hydrocarbon-Rubber.php

Physical Properties	Metric	English	Comments
Density	0.870 g/cc	0.0314 lb/in ³	ASTM D297
Volatiles	<= 0.40 %	<= 0.40 %	Total Volatiles; DuPont Dow PQ-E-007
Mooney Viscosity	70 @Temperature 125 °C	70 @Temperature 257 °F	ML 1 + 4; ASTM D1646
Ash	<= 0.10 %	<= 0.10 %	ASTM D5667

Descriptive Properties	Value	Comments
ENB	5 mass%	ASTM D6047
Ethylene	70 mass%	ASTM D3900
Molecular Weight Distribution	Medium	DuPont Dow PQ-E-034 and 036
Product Form	Rods	
Propylene	25 mass%	ASTM D3900
Residual Transition Metal	Max 10 ppm	DuPont Dow

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