

Dow Nordel® IP 4520 EPDM Hydrocarbon Rubber

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

Material Notes:

Description: Nordel® IP 4520 is an amorphous EPDM grade designed for molded applications. It is ideally suited for injection and transfer molded brake parts, corner moldings, general purpose gaskets and moldings. The combination of low viscosity and low crystallinity allows for good processability, low temperature properties and performance without the addition of a plasticizer. 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-4520-EPDM-Hydrocarbon-Rubber.php

Physical Properties	Metric	English	Comments
Density	0.860 g/cc	0.0311 lb/in ³	ASTM D297
Volatiles	<= 0.40 %	<= 0.40 %	Total Volatiles; DuPont Dow PQ-E-007
Mooney Viscosity	20 @Temperature 125 °C	20 @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	50 mass%	ASTM D3900
Molecular Weight Distribution	Medium	DuPont Dow PQ-E-034 and 036
Product Form	Bale	
Propylene	45 mass%	ASTM D3900
Residual Transition Metal	Max 10 ppm	DuPont Dow

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