

Dow Nordel® IP 3640 EPDM Hydrocarbon Rubber

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

Material Notes:

Description: This is an amorphous and low-diene containing ethylene-propylene terpolymer (EPDM) suitable for heat resistant peroxide cured moldings. NDR 3640.00 can be blended with butyl rubber to improve processing and vulcanizate properties of automotive and bicycle tire innertubes. NDR 3640.00 is a developmental product in bale form. 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-3640-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	40 @Temperature 125 °C	40 @Temperature 257 °F	ML 1 + 4; ASTM D1646
Ash	<= 0.10 %	<= 0.10 %	ASTM D5667

Descriptive Properties	Value	Comments
ENB	1.8 mass%	ASTM D6047
Ethylene	55 mass%	ASTM D3900
Molecular Weight Distribution	Medium	DuPont Dow PQ-E-034 and 036
Product Form	Bale	
Propylene	43.2 mass%	ASTM D3900
Residual Transition Metal	Max 10 ppm	DuPont Dow

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