

Dow Nordel® IP 3670 EPDM Hydrocarbon Rubber

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

Material Notes:

Description: Slightly crystalline, ethylene-propylene-diene (EPDM) terpolymer designed for calendaring; offers excellent processing characteristics. Low unsaturation level provides stability during long-term exposures to heat and ultraviolet (UV) light and allows the polymer to be either sulfur or peroxide cured. 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-3670-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	65 - 75 @Temperature 125 °C	65 - 75 @Temperature 257 °F	ML 1 + 4; ASTM D1646
Ash	<= 0.10 %	<= 0.10 %	ASTM D5667

Optical Properties	Metric	English	Comments
Yellow Index	<= 7.0 %	<= 7.0 %	ASTM E313

Descriptive Properties	Value	Comments
Contamination	Max 20 specks/300 g	DuPont Dow PQ-E-030
ENB	1.4 - 2.2 mass%	ASTM D6047
Ethylene	56.7-59.7 mass%	ASTM D3900
Residual Transition Metal	Max 10 ppm	DuPont Dow

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