

## Dow Nordel® IP 3720P EPDM Hydrocarbon Rubber

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

### Material Notes:

Description: This semicrystalline, very low diene containing ethylene-propylene terpolymer (EPDM) has a low viscosity for excellent processing characteristics and low unsaturation for stability during long term exposures to heat and ultra violet (UV) light. Designed for extrusion and molding processes in low and medium extension compounds, it can be peroxide cured. In addition, this polymer can be used for modification of thermoplastic materials such as polyethylene or polypropylene. 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-3720P-EPDM-Hydrocarbon-Rubber.php](http://www.lookpolymers.com/polymer_Dow-Nordel-IP-3720P-EPDM-Hydrocarbon-Rubber.php)

Physical Properties	Metric	English	Comments
Density	0.880 g/cc	0.0318 lb/in <sup>3</sup>	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	0.5 mass%	ASTM D6047
Ethylene	69 mass%	ASTM D3900
Molecular Weight Distribution	Medium	DuPont Dow PQ-E-034 and 036
Product Form	Pellets	
Propylene	30.5 mass%	ASTM D3900
Residual Transition Metal	Max 10 ppm	DuPont Dow

## Contact Songhan Plastic Technology Co.,Ltd.

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