



Nordel[®] IP 3745P

This semicrystalline, very low diene containing ethylene-propylene terpolymer (EPDM) has a narrow molecular weight distribution for excellent processing characteristics when used as a neat polymer. It has been designed for property modification of thermoplastics such as polyethylene and polypropylene and can be used in peroxide cured rubber compounds.

Storage and Handling

The quality of EPDM products may be affected by exposure to artificial or natural light. This product should be stored indoors in its original packaging and out of direct sunlight.

Typical Polymer Properties*

Property	Value	Test Method
Mooney Viscosity ML 1 + 4 at 125°C	45	ASTM D-1646
Composition		
Ethylene, mass%	70	ASTM D-3900
Propylene, mass%	30.5	ASTM D-3900
ENB, mass%	0.5	ASTM D-6047
Molecular Weight Distribution	Narrow	DuPont Dow PQ-E-034 and 036
Product Density, g/cc	0.88	ASTM D-297
Residual Transition Metal, ppm	10 max.	DuPont Dow
Ash Content, mass%	0.1 max.	ASTM D-5667
Total Volatiles, mass%	0.4 max.	DuPont Dow PQ-E-007
Product Form	pellets	

*These data are provided for description only and are not intended to serve as sales specifications.

For further information on Nordel® IP or other elastomers please contact one of the addresses below, or visit us at our website at www.dupont-dow.com

USA – Global Headquarters

DuPont Dow Elastomers L.L.C.
300 Bellevue Parkway, Suite 300
Wilmington, DE 19809
Tel. +1-800-853-5515
+1-302-792-4000
Fax +1-302-792-4450

Austria

Dolder GmbH
Brucknerstrasse 6/2/5A
A-1040 Wien
Tel. +43-1-504 21 80
Fax +43-1-504 21 93

Benelux

N.V. Sepulchre S.A.
19, av. des Nénuphars
B.P. No. 6
B-1160 Bruxelles
Belgium
Tel. +32-2-672 23 35
Fax +32-2-673 67 82

Denmark

Nordica A/S
Pilestraede 43
DK-1112 Copenhagen
Tel. +45-3315 2855
Fax +45-3315 2161

Geneva – European Headquarters

DuPont Dow Elastomers S.A.
2, chemin du Pavillon
CH-1218 Le Grand-Saconnex,
Geneva, Switzerland
Tel. +41-22-717 4000
Fax +41-22-717 4001

Finland

Oy Algol AB
Nuutisarankatu 15
SF-33900 Tampere
Tel. +358-3-266 1948
Fax +358-3-266 0212

France

Safic-Alcan
Département
DuPont Dow Elastomers
3, rue Bellini
F-92806 Puteaux Cedex
Tel. +33-1-46 92 64 32
Fax +33-1-46 67 04 42

Germany

DuPont Dow Elastomers GmbH
DuPont Strasse 1
D-61343 Bad Homburg
Tel. +49-6172-87 13 55
Fax +49-6172-87 13 51

Italy

DuPont Dow Elastomers S.r.l.
16, via A. Volta
I-20093 Cologno Monzese
Tel. +39-02-25 302 900
Fax +39-02-25 302 905

South & Central America Headquarters

DuPont Dow Elastomers Ltda.
Alameda Itapecuru, 506 - Sala 12
Alphaville - Barueri - SP
CEP 06454-080
Brasil
Tel. +55-11-4166-8978
Fax +55-11-4166-8989

Portugal

Safic-Alcan Portugal
Rua D. Marcos da Cruz 1351
P-4455-482 Perafita
Tel. +351-22-999 82 90
Fax +351-22-996 39 27

Spain

ISISA S.A.
Rocafort, 241-243
E-08029 Barcelona
Tel. +34-93-322 04 53
Fax +34-93-410 69 78

Sweden

Nordica Elastomers AB
Hamntorget 1
P.O. Box 10104
S-43422 Kungsbacka
Tel. +46-300-73 250
Fax +46-300-73 251

Switzerland

Dolder AG
Immengasse 9
CH-4004 Basel
Tel. +41-61-326 66 00
Fax +41-61-326 62 04

Singapore – Asia Pacific Headquarters

DuPont Dow Elastomers PTE Ltd.
1 Maritime Square #10-54
World Trade Center
Singapore 099253
Tel. +65-6275 9383
Fax +65-6275 9395

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