



Nordel[®] MG hydrocarbon rubber

A Product of DuPont Dow Elastomers

NDR 46140.01

Description

NDR 46140.01 is a developmental product in granular form that contains carbon black as a partitioning agent. It is a very high molecular weight, amorphous EPDM grade with a fast cure rate. It also offers an excellent combination of:

- very fast mixing with good dispersion level
- excellent tensile strength and compression set resistance, even at very high loading

It was designed for highly extended compounds to be used in applications such as extruded profiles, hose and seals.

Storage and Handling

NDR 46140.01 should be stored indoors in its original packaging and out of direct sunlight.

Due to possible size segregation during shipment, materials for laboratory evaluation should be homogenized to achieve a representative sample. *Homogenized sample quantities are available for laboratory evaluation.*

Typical Polymer Properties*

Property	Value	Test Method
Polymer Mooney Viscosity ML 1 + 4 at 125°C	140	calculated
Polymer Composition		
Ethylene, mass%	58	ASTM D-3900
ENB, mass%	4.9	ASTM D-6047
Total Product Density, g/cc	0.97	ASTM D-297
Total Volatiles, mass%	0.4 max	DuPont Dow EPRG-21
Carbon Black (N-650) Content, phr	30	DuPont Dow EPRG-2

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

For further information on Nordel® 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. +43-1-5042180
Fax +43-1-5042193

Benelux

N.V. Sepulchre S.A.
19, av. des Nénuphars
B.P. No. 6
B-1160 Bruxelles
Belgium
Tel. +32-2-6722335
Fax +32-2-6736782

Denmark

Nordica A/S
Pilestraede 43
Postbooks 2241
DK-1019 Kobenhavn K
Tel. +45-33152855
Fax +45-33152161

Geneva – European Headquarters

DuPont Dow Elastomers S.A.
2, chemin du Pavillon
CH-1218 Le Grand-Saconnex,
Geneva, Switzerland
Tel. +41-22-7174000
Fax +41-22-7174001

Finland

Oy Algol AB
Nuutisarankatu 15
FI-33900 Tampere
Tel. +358-3-2661948
Fax +358-3-2660212

France

Safic-Alcan
Département
DuPont Dow Elastomers
3, rue Bellini
F-92806 Puteaux Cedex
Tel. +33-1-46926432
Fax +33-1-46670442

Germany

DuPont Dow Elastomers GmbH
DuPont Strasse 1
D-61343 Bad Homburg
Tel. +49-6172-871355
Fax +49-6172-871351

Italy

Dolder-Massara
Via Caduti Bollatesi 38/b
20021 Bollate (MI) Italy
Tel. +39-02-25350081
Fax +39-02-2538300725

South & Central America Headquarters

DuPont Dow Elastomers Ltda.
Alameda Itapecuru, 506 - Sala 12
Alphaville - Barueri - SP
CEP06454-080
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. +351-22-9998290
Fax +351-22-9963927

Spain

Safic-Alcan Espana, S.A.
Division Isisa
Rocafort, 241-243
E-08029 Barcelona
Tel. +34-93-3220453
Fax +34-93-4106978

Sweden

Nordica Elastomers AB
Hamntorget 1
P.O. Box 10104
S-43422 Kungsbacka
Tel. +46-300-73250
Fax +46-300-73251

Switzerland

Dolder AG
Immengasse 9
CH-4004 Basel
Tel. +41-61-3266600
Fax +41-61-3224781

Singapore – Asia Pacific Headquarters

DuPont Dow Elastomers Pte Ltd.
1 Maritime Square #10-54
HarbourFront Center
Singapore 099253
Tel. +65-62759383
Fax +65-62759395

Japan

DuPont Dow Elastomers Ltd.
Dempa Bldg. 3F, 11-15
Higashi-Gotanda, 1-chome
Shinagawa-ku
Tokyo, Japan 141-0022
Tel. +81-3-3444-5166
Fax +81-3-3444-6095

Korea

DuPont Dow Elastomers Ltd.
Suite 401, City Air Terminal Bldg.
159-6, Samsung-dong, Kangnam-ku
Seoul, Korea
Tel. +82-2-551-7443
Fax +82-2-551-7455

The information set forth herein is furnished free of charge and is based on technical data that DuPont Dow Elastomers believes to be reliable. It is intended for use by persons having technical skill, at their own discretion and risk. Handling precaution information is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Because conditions of product use and disposal are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. As with any material, evaluation of any compound under end-use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate under or a recommendation to infringe on any patents. While the information presented here is accurate at the time of publication, specifications can change. Please check www.dupont-dow.com for the most up-to-date information.

CAUTION: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, discuss with your DuPont Dow Elastomers customer service representative, and read Medical Caution Statement, H-69237.

Nordel® is a registered trademark of DuPont Dow Elastomers.

INSITE™ is a trademark of The Dow Chemical Company.

Copyright © 2003 DuPont Dow Elastomers. All Rights Reserved.

