

MULTIFLEX™ TPO 3004 MW NAT 22259

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Thermoplastic Elastomer

DuPont Transportation & Industrial

Technical Data

Product Description

Thermoplastic Elastomer based Polyolefin

General

Material Status	• Commercial: Active		
Search for UL Yellow Card	• DuPont Transportation & Industrial		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
RoHS Compliance	• Contact Manufacturer		
Appearance	• Black		

Physical

	Nominal Value Unit	Test Method
Density	0.880 g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	12 cm ³ /10min	ISO 1133
Molding Shrinkage - Flow	1.2 %	ISO 294-4
Flow Length	400 mm	

Mechanical

	Nominal Value Unit	Test Method
Flexural Modulus	320 MPa	ISO 178

Elastomers

	Nominal Value Unit	Test Method
Tear Strength		ISO 34-1
Flow	90.0 kN/m	
-30°C	179 kN/m	
80°C	58.0 kN/m	

Hardness

	Nominal Value Unit	Test Method
Shore Hardness (Shore D, 15 sec)	40	ISO 7619

Thermoset

	Nominal Value Unit
Shelf Life	52 wk

Additional Information

	Nominal Value Unit
Compatibility	Polyolefins

Injection

	Nominal Value Unit
Melt Temperature, Optimum	250 °C
Mold Temperature	30 to 50 °C
Mold Temperature, Optimum	40 °C
Back Pressure	1
Drying Recommended	no
Injection Velocity	Medium mm/sec

Injection Notes

Holding Pressure: As low as possible

Notes

¹ Typical properties: these are not to be construed as specifications.



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Where to Buy

Supplier

DuPont Transportation & Industrial

Wilmington, DE USA
Telephone: 302-999-4592
Web: <http://plastics.dupont.com/>

Distributor

Chase Plastic Services, Inc.

Chase Plastics Services is a North American distributor with representatives throughout the region. Please find your rep here: <http://www.chaseplastics.com/contact/locations>
Telephone: 800-232-4273
Web: <http://www.chaseplastics.com/>
Availability: North America

GAZECHIM PLASTIQUES

GAZECHIM PLASTIQUES is a Pan European distribution company. Contact GAZECHIM PLASTIQUES for availability of individual products by country.
Telephone: +33-4-67-49-55-37
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Availability: France, Italy, Romania, United Kingdom

Nexeo Plastics - Europe

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Availability: Belgium, Denmark, Finland, Luxembourg, Netherlands, Norway, Portugal, Russian Federation, Spain, Sweden

