

MULTIFLEX™ G40 A 11 T Z1633

Thermoplastic Elastomer

DuPont Mobility & Materials

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Technical Data

Product Description

Thermoplastic Elastomer based Styrenic

General

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

Physical

	Nominal Value Unit	Test Method
Density	1.12 g/cm ³	ISO 1183
Flow Length	740 mm	

Elastomers

	Nominal Value Unit	Test Method
Tensile Stress - Across Flow (100% Strain)	0.900 MPa	ISO 37
Tensile Stress (Break)	5.00 MPa	ISO 37
Tensile Elongation (Break)	> 300 %	ISO 37
Tear Strength - Flow	19.0 kN/m	ISO 34-1
Compression Set		ISO 815
23°C	9.0 %	
70°C, 24 hr	23 %	
100°C, 24 hr	32 %	

Additional Information

	Nominal Value Unit
Compatibility	Polyolefins

Injection

	Nominal Value Unit
Melt Temperature, Optimum	210 °C
Mold Temperature	20 to 60 °C
Mold Temperature, Optimum	40 °C
Back Pressure	1.00 MPa
Drying Recommended	no
Holding Pressure	as low as possible
Injection Velocity	High

Extrusion

	Nominal Value Unit
Melt Temperature	180 to 200 °C
Extrusion Melt Temperature, Optimum	190 °C

Notes

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



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Where to Buy

Supplier

DuPont Mobility & Materials

Wilmington, Wilmington USA

Telephone: 302-999-4592

Web: <http://plastics.dupont.com/>

Distributor

Biesterfeld Plastic GmbH

Biesterfeld is a Pan European distribution company. Contact Biesterfeld for availability of individual products by country.

Telephone: +49-40-32-00-80

Web: <https://www.biesterfeld.com/>

Availability: Europe

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

Formerra

Formerra is a next generation distributor of performance material solutions for the world's leading brand owners and manufacturers. Bringing you commercial and technical expertise, industry know-how, and access to more than 5,000 materials from 40+ premium suppliers faster and easier than ever before.

Telephone: 1.888.502.0951 (USA); +86-21-60284936 (China)

Web: <https://www.formerra.com>

Availability: Global

Nexeo Plastics - Europe

Nexeo Plastics is a Pan European distribution company. Contact Nexeo for availability of individual products by country.

Telephone: +34-93-480-9125

Web: <https://www.nexeoplastics.com/>

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

OZYANCE

Telephone: +33-4-67-49-55-37

Web: <http://www.ozyance.com/>

Availability: France

SNETOR

SNETOR is a Pan European distribution company. Contact SNETOR for availability of individual products by country.

Telephone: +33-1-4904-8888

Web: <http://www.snetor.com/>

Availability: Italy, Romania, United Kingdom

