

Technical Data Sheet

**Duragrip DGR 6260TR**

Thermoplastic Elastomer
LyondellBasell Industries
Engineering Plastics

Product Description

DuraGrip® 6260TR is designed to be a general-purpose Thermoplastic Elastomer (TPE) that is easy to use in injection molding and extrusion processes. DuraGrip® 6260TR has an excellent soft touch, dry rubbery feel, and is highly elastic. It will bond to polypropylene and polyethylene. DuraGrip® 6260TR is not hygroscopic and under normal conditions does not require drying.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• General Purpose	• Good Adhesion	
Appearance	• Translucent		
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity			
--	0.888	0.886 g/cm ³	ASTM D792
--	0.886 g/cm ³	0.886 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	4.1 g/10 min	4.1 g/10 min	ASTM D1238
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress			ASTM D412
100% Strain	342 psi	2.36 MPa	ISO 37
300% Strain	474 psi	3.27 MPa	
Tensile Strength (Yield)	968 psi	6.67 MPa	ASTM D412
			ISO 37
Tensile Elongation (Break)	640 %	640 %	ASTM D412
			ISO 37
Tear Strength ¹	142 lbf/in	24.9 kN/m	ASTM D624
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A, 5 sec)	58	58	ASTM D2240
			ISO 868
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (374°F (190°C), 294 sec ^A -1)	251 Pa·s	251 Pa·s	ASTM D3835

Additional Information

The value listed as Density -Specific Gravity, ASTM D792, was tested in accordance with ASTM D471.
The value listed as Density, ISO 1183, was tested in accordance with ISO 2781.

Notes

¹ Die C

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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