Technical Data Sheet

LyondellBasell

Duragrip DGR 6260CL

Thermoplastic Elastomer
LyondellBasell Industries
Engineering Plastics

Product Description
DuraGrip® 6260CL is a clear Thermoplastic Elastomer (TPE) designed for injection molding and extrusion processes. It has excellent clarity, soft-touch feel, high coefficient of friction, and bonds well to polypropylene. DuraGrip® is not hygroscopic and under normal conditions does not require drying.

General			
Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• Good Adhesion	• High Clarity	• High Friction
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity			
--	0.885	0.883 g/cm³	ASTM D792
--	0.883 g/cm³	0.883 g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	36 g/10 min	36 g/10 min	ASTM D1238
Elastomers	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Stress			
100% Strain	330 psi	2.28 MPa	ASTM D412 ISO 37
300% Strain	460 psi	3.17 MPa	ASTM D412
Tensile Strength (Yield)	920 psi	6.34 MPa	ASTM D412 ISO 37
Tensile Elongation (Break)	610 %	610 %	ASTM D412 ISO 37
Tear Strength [1]	168 lbf/in	29.4 kN/m	ASTM D624
Hardness	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Durometer Hardness (Shore A, 5 sec)	60	60	ASTM D2240 ISO 868
Fill Analysis	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Melt Viscosity (374°F (190°C), 200 sec^-1)	114 Pa·s	114 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.

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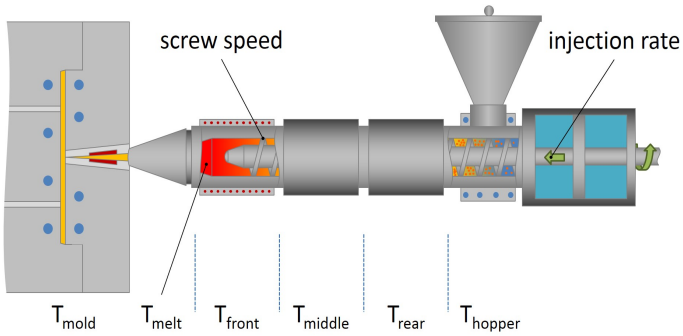

Injection	Nominal Value (English)	Nominal Value (SI)
Processing (Melt) Temp	338 to 400 °F	170 to 204 °C

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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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