

Technical Data Sheet

DuraGrip DGR-6260CLNAT



Thermoplastic Elastomer

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.

Regulatory Status

For regulatory compliance information, see DGR-6260CLNAT [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Asia-Pacific; Europe; North America
Processing Method	Extrusion; Injection Molding
Attribute	Good Adhesion; High Clarity; High Friction
Forms	Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (190 °C/2.16 kg)	36	g/10 min	ASTM D1238
Density	0.883	g/cm ³	ISO 1183
Density - Specific Gravity	0.883	g/cm ³	ASTM D792
Melt Viscosity, (190 °C, 200 sec ⁻¹)	114	Pa·s	ASTM D3835
Mechanical			
Tensile Stress at 100%	2.28	MPa	ISO 37
Tensile Stress at 300%	3.17	MPa	ASTM D412
Tensile Strength at Yield	6.34	MPa	ASTM D412
Tensile Stress at Yield	6.34	MPa	ISO 37
Tensile Strain at Break	610	%	ISO 37
Tensile Elongation at Break	610	%	ASTM D412
Tear Strength, (Die C)	29.4	kN/m	ASTM D624
Hardness			
Shore Hardness, (Shore A, 5 sec)	60		ISO 868
Durometer Hardness, (Shore A, 5 sec)	60		ASTM D2240



Injection Parameters	Nominal Value	Units
Processing (Melt) Temp	170 to 204	°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.

Company Information

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

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