

DuraGrip DGR-6260CLNAT

LyondellBasell Industries - Thermoplastic Elastomer

General Information

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

Features	• Good Adhesion	• High Clarity	• High Friction
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.885		ASTM D792
Density	0.883	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	36	g/10 min	ASTM D1238

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	331	psi	ASTM D412
Tensile Stress (100% Strain)	331	psi	ISO 37
Tensile Stress (300% Strain)	460	psi	ASTM D412
Tensile Strength (Yield)	920	psi	ASTM D412
Tensile Stress (Yield)	920	psi	ISO 37
Tensile Elongation (Break)	610	%	ASTM D412
Tensile Elongation (Break)	610	%	ISO 37
Tear Strength ²	168	lbf/in	ASTM D624

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec)	60		ASTM D2240
Shore Hardness (Shore A, 5 sec)	60		ISO 868

Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (374°F, 200 sec ⁻¹)	114	Pa·s	ASTM D3835

Processing Information

Injection	Nominal Value	Unit
Processing (Melt) Temp	338 to 399	°F

Notes

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

² Die C