

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.

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