DuraGrip® DGR 6260CL

Thermoplastic Elastomer

Advanced Polymer Alloys

Message:

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 Information			
Features	High Friction		
	Good adhesion		
	Definition, high		
Agency Ratings	EU 2002/96/EC (WEEE)		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.883	g/cm³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16			
<g)< td=""><td>36</td><td>g/10 min</td><td>ASTM D1238</td></g)<>	36	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec)	60		ASTM D2240, ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			
100% strain	2.28	MPa	ASTM D412, ISO 37
300% strain	3.17	MPa	ASTM D412
Tensile Strength (Yield)	6.34	MPa	ASTM D412, ISO 37
Tensile Elongation (Break)	610	%	ASTM D412, ISO 37
Fear Strength ¹	29.4	kN/m	ASTM D624
-ill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (190°C, 200 sec^-1)	114	Pa·s	ASTM D3835
Additional Information			
The value listed as Density -Specific Grav accordance with ISO 2781.	ity, ASTM D792, was tested in accord	ance with ASTM D471.The value	e listed as Density, ISO 1183, was tested i
Injection	Nominal Value	Unit	
Processing (Melt) Temp	170 - 204	°C	
NOTE			
1.	C mould		

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Recommended distributors for this material

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