Technical Data Sheet

Duragrip DGR 6260TR

Thermoplastic Elastomer
LyondellBasell Industries
Engineering Plastics

Product Description

DuraGrip® 6260TR is designed to be a general purpose Thermoplastic Elastomer (TPE) that is easy to use in injection molding and extrusion processes. DuraGrip® 6260TR has an excellent soft touch, dry rubbery feel, and is highly elastic. It will bond to polypropylene and polyethylene, and is FDA compliant. DuraGrip® 6260TR is not hygroscopic and under normal conditions does not require drying.

General

Features	• General Purpose	• Good Adhesion
Agency Ratings	• EU 2002/96/EC (WEEE)	• FDA
RoHS Compliance	• RoHS Compliant	
Appearance	• Translucent	
Forms	• Pellets	
Processing Method	• Extrusion	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity			
--	0.888	0.886 g/cm³	ASTM D792
--	0.886 g/cm³	0.886 g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°c/5.0 Kg)	4.1 g/10 min	4.1 g/10 min	ASTM D1238
Elastomers	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Stress			ASTM D412 ISO 37
100% Strain	342 psi	2.36 MPa	
300% Strain	474 psi	3.27 MPa	
Tensile Strength (Yield)	968 psi	6.67 MPa	ASTM D412 ISO 37
Tensile Elongation (Break)	640 %	640 %	ASTM D412 ISO 37
Tear Strength [1]	142 lbf/in	24.9 kN/m	ASTM D624
Hardness	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Durometer Hardness (Shore A, 5 Sec)	58	58	ASTM D2240 ISO 868
Fill Analysis	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Melt Viscosity (374°f (190°c), 294 Sec^-1)	251 Pa·s	251 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.

Notes

[1] Die C

Notes

These are typical property values not to be construed as specification limits.