

Hifax TRC 770X LC Gray

Compounded Polyolefin

Product Description

Hifax TRC 770X LC Gray high melt flow, 1,600 MPa flexural modulus, mineral-filled, thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed primarily for use in automotive bumper fascias.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	High Flow , Good Impact Resistance , Good Moldability , Paintable, High Stiffness, Good Toughness
Typical Customer Applications	Bumpers

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	28	g/10 min
Density (Method A)	ISO 1183	1.01	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	7	%
Flexural modulus (23 °C)	ISO 178	1600	MPa
Impact			
Notched izod impact strength	ISO 180		
(-30 °C)		5.8	kJ/m ²
(23 °C)		32	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	125	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.

