

Hifax TRC 790X

Compounded Polyolefin

Product Description

Hifax TRC 790X medium high melt flow, 1,550 MPa flexural modulus, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties and processability. It was designed for automotive bumper fascia applications

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Medium Flow, Good Impact Resistance , Paintable, Good Processability, Good Stiffness
Typical Customer Applications	Bumpers

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	16	g/10 min
Density (23°C)	ISO 1183	1.01	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	16	MPa
Tensile Strain at Break (23 °C)	ISO 527-1, -2	500	%
Flexural modulus (23 °C)	ISO 178	1550	MPa
Impact			
Notched izod impact strength (+23 °C)	ISO 180	51	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	87	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	55	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.

