

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

Status	Commercial: Active
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.

