



Hifax TRC 790X HF

Compounded Polyolefin

Product Description

Hifax TRC 790X HF high melt flow, high 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	Development
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Dimensional Stability, High 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	24	g/10 min
Density (23°C)	ISO 1183	1.04	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	17	MPa
Tensile Strain at Break (23 °C)	ISO 527-1, -2	100	%
Flexural modulus (23 °C, Chord)	ISO 178	1500	MPa
Impact			
Notched izod impact strength	ISO 180		
(-30 °C)		4.0	kJ/m ²
(+23 °C)		42	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	98	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Additional Properties

The property values shown are measured, where applicable, on injection molded test specimens. They are based on a limited number of tests and, therefore, should not be construed as product specifications. These values may shift slightly as additional data are accumulated. This datasheet is temporary and will become obsolete when the product is fully commercialized.

Notes

Typical properties; not to be construed as specifications.