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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

Test Method used	ISO
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/cm³
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/m²
(+23 °C)		42	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	98	°C
Additional Information			
Mold shrinkage	ISO 294-4		