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Hifax TRC 790P

Compounded Polyolefin

Product Description

Hifax TRC 790P high melt flow, 1,550 MPa flexural modulus, UV-stabilized, mineral-filled thermoplastic elastomeric olefin (TEO) resin has a very good combination of properties and processability. It was designed for molded-in color automotive bumper fascia applications

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Medium Flow, Good Impact Resistance , Paintable, Good Processability, Good Stiffness , Good Weather Resistance
Typical Customer Applications	Bumpers

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	17	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	490	%
Flexural modulus (23 °C)	ISO 178	1550	MPa
Impact			
Notched izod impact strength (+23 °C)	ISO 180	47	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	93	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.