Hifax TRC 779P

Compounded Polyolefin

Product Description

Hifax TRC 779P high melt flow, 1,650 MPa flexural modulus, UV-stabilized, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed for use in multiple automotive exterior applications.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Good Flow, Good Impact Resistance , Low Temperature Impact Resistance, Good Moldability , Paintable, Low Shrinkage, High Stiffness, Good Weather Resistance
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	25	g/10 min
Density (Method A)	ISO 1183	1.03	g/cm³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	16	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	4	%
Flexural modulus (23 °C)	ISO 178	1650	MPa
Impact			
Notched izod impact strength	ISO 180		
(-30 °C)		5.5	kJ/m²
(23 °C)		45	kJ/m²
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact Basell for shrinkage recommendations.			

Additional Properties

Multi-axial instrumented impact, energy at max load at -40°C (2.2 m/sec) = 23 J (ductile failure mode).

Notes

Typical properties; not to be construed as specifications.