



Hifax TYC 791P

Compounded Polyolefin

Product Description

Hifax TYC 791P high melt flow, 1,400 MPa flexural modulus, UV-stabilized, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed primarily for automotive exterior ornamentation applications.

Product Characteristics

Status	Commercial: Restricted
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Impact Resistance , Good Moldability , Paintable, High Stiffness, Good Weather Resistance
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	28	g/10 min
Density (23°C)	ISO 1183	1.01	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18	MPa
Flexural modulus (23 °C)	ISO 178	1400	MPa
Impact			
Notched izod impact strength	ISO 180		
(0 °C)		7.2	kJ/m ²
(-40 °C)		4	kJ/m ²
(23 °C)		23	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	98	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	57	°C
Additional Information			
Mold shrinkage	ISO 294-4		
<i>Note: Please contact Basell for shrinkage recommendations.</i>			

Notes

Typical properties: not to be construed as specifications.