Hifax TRC 103P

Compounded Polyolefin

Product Description

***Hifax* TRC 103P** high melt flow, 1,700 MPa flexural modulus, UV-stabilized, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has an excellant balance of properties and processability. It was designed as a globally available grade primarily for automotive bumper applications.

Product Characteristics

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

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	1.00	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	23	g/10 min
Mechanical			
Tensile Stress at Yield (23 °C, 50 mm/min)	ISO 527-1, -2	20	MPa
Flexural modulus (23 °C)	ISO 178	1700	MPa
Impact			
Notched izod impact strength	ISO 180		
(- 30 °C, Type 1, Notch A)		5.3	kJ/m²
(23 °C, Type 1, Notch A)		42	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	95	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact Basell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.