



Hifax TRC770PHS

Compounded Polyolefin

Product Description

Hifax TRC770PHS high melt flow, 1,550 MPa flexural modulus, UV-stabilized, mineral-filled, precolored thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed primarily for use in molded-in color automotive bumper fascias.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Moldability , High Stiffness, Good Toughness, Good Weather Resistance
Typical Customer Applications	Bumpers

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	1.00	g/cm ³
Mechanical			
Tensile Stress at Yield (23°C)	ISO 527-1, -2	19	MPa
Tensile Strain at Break (23°C)	ISO 527-1, -2	>300	%
Flexural modulus (23°C)	ISO 178	1550	MPa
Impact			
Notched izod impact strength	ISO 180		
(-20°C)		6.0	kJ/m ²
(23°C)		40	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	97	°C
Additional Information			
Mold shrinkage	ISO 294-4		