

Hifax TRC 770P

Compounded Polyolefin

Product Description

Hifax TRC 770P high melt flow, 1,600 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

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Moldability , Scratch Resistant, 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	28	g/10 min
Density (Method A)	ISO 1183	1.02	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	7	%
Flexural modulus (23 °C)	ISO 178	1600	MPa
Impact			
Notched izod impact strength	ISO 180		
(-30 °C)		5.8	kJ/m ²
(23 °C)		32	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	125	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.

