



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
Availability	North America
Processing Method	Injection Molding
Features	Good Moldability , Scratch Resistant, Good Toughness, Good Weather Resistance, High Stiffness
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/cm³
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/m²
(23 °C)		32 kJ/m²
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.

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LyondellBasell markets this product through the following entities:

Equistar Chemicals, LP
 Basell Sales & Marketing Company B.V.
 Basell Asia Pacific Limited
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Users should review the applicable Material Safety Data Sheet before handling the product.

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