



Hifax TYC 1123X

Compounded Polyolefin

Product Description

Hifax TYC 1123X high melt flow, 1,700 MPa flexural modulus, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Molding
Features	Good Dimensional Stability, Good Flow, Good Impact Resistance , Low Temperature Impact Resistance, Good Moldability , Paintable, Low Shrinkage, High Stiffness
Typical Customer Applications	Exterior Applications, Bumpers

Typical Properties	Method	Value Unit
Physical		
Melt flow rate (230°C/2.16kg)	ASTM D 1238	30 g/10 min
Density (Method A)	ISO 1183	1.00 g/cm ³
Mechanical		
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18 MPa
Tensile Strain at Break (23 °C)	ISO 527-1, -2	200 %
Flexural modulus (23 °C)	ISO 178	1700 MPa
Impact		
Notched izod impact strength	ISO 180	
(-30 °C)		5.0 kJ/m ²
(23 °C)		45 kJ/m ²
Additional Information		
Mold shrinkage	ISO 294-4	
<i>Note: Please contact a LyondellBasell representative for shrinkage recommendations.</i>		

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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