



Hifax TYC 900P

Compounded Polyolefin

Product Description

Hifax TYC900P is a 15% mineral filled high impact copolymer for injection moulding.

The grade features very high fluidity and low coefficient of dilatation. Product formula is improved to offer better aesthetic especially regarding tiger stripes defaults. The product is UV stabilized for outdoor application.

Typical customer applications are unpainted bumpers. The grade is available in custom colour.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Methods	Injection Molding
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	1.01	g/cm ³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	24	g/10 min
Mechanical			
Tensile Stress at Yield (23 °C, v = 50 mm/min)	ISO 527-1, -2	18	MPa
Flexural modulus (23 °C, v = 2 mm/min)	ISO 178	1550	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		35	kJ/m ²
(-20 °C)		6	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	95	°C

Notes

Typical properties; not to be construed as specifications.

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

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