



Hifax TYC 462P

Compounded Polyolefin

Product Description

Hifax TYC 462P is a 30% talc reinforced, high flow, impact modified and UV stabilized polypropylene copolymer for injection moulding. It combines an excellent flowability with good processability and durability and offers excellent esthetic properties for exterior applications. The grade has been specifically designed for moulding large complex parts that require good dimensional stability.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Methods	Injection Molding
Features	Pleasing Surface Appearance, Impact Copolymer, Good Dimensional Stability, Durable, High Flow, Good Impact Resistance, Good Processability, Good Stiffness, UV Resistant
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.13 g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	33 g/10 min
Mechanical		
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	17 MPa
Flexural modulus (23 °C, v = 2 mm/min)	ISO 178	1950 MPa
Impact		
Notched izod impact strength	ISO 180	
(-30 °C)		3.5 kJ/m ²
(23 °C)		25 kJ/m ²
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	54 °C
Vicat softening temperature B/50	ISO 306	50 °C

Notes

Typical properties; not to be construed as specifications.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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