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Hifax TYC 381P 1646

Compounded Polyolefin

Product Description

Hifax TYC 381P 1646 is an 11% talc filled PP copolymer, with very high melt flow rate, high impact resistance, good stiffness and excellent surface appearance. Product is available as a customized color matched, pellet form. This grade is delivered in 1646 color version.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Product Characteristics

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Status	Commercial	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	/ery high melt flow rate, impact resistance, stiffness, surface appearance.	
Typical Customer Applications	Used for moulding large complex parts, that require high impact s as well as good stiffness and for any outdoor/exterior application s bumper.	•

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	35	g/10 min
Density (23 °C)	ISO 1183-1/A	1.15	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	16	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1250	MPa
Flexural Strength (23 °C) Tech. A	ISO 178/A1	20	MPa
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	40	kJ/m ²
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	6	kJ/m ²
Thermal			
Vicat Softening Temperature B (50 N)	ISO 306	49	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	48	°C

Product Storage and Handling

- · Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- · Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- · Keep material completely dry for good processing.

Notes

Typical properties; not to be construed as specifications.

(1): Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.