



Hifax TKS 428P C12477

Compounded Polyolefin

Product Description

Hifax TKS 428P C12477 is an unfilled PP copolymer, with excellent impact/stiffness balance, good flowability and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12477 color version.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Impact/stiffness balance, UV resistance, flowability.
Typical Customer Applications	Used for applications demanding good balance of stiffness, impact performance and automotive fascia applications.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	9	g/10 min
Density (23 °C)	ISO 1183-1/A	0.91	g/cm ³
Mechanical			
Tensile Modulus (23 °C)	ISO 527-1, -2	1100	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1170	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	50	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	7	kJ/m ²
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	127	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	80	°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.

