

Hifax TKC 407P

Compounded Polyolefin

Product Description

Hifax TKC 407P is a 15% mineralfilled PP copolymer, impact modified, high UV resistance, good processibility. Product is available in customized matched colors, for unpainted exterior applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Methods	Injection Molding
Features	Medium Flow, Impact Modified, Good UV Resistance
Typical Customer Applications	Automotive Parts, 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	10 g/10 min
Mechanical		
Tensile Stress at Yield	ISO 527-1, -2	17 MPa
Tensile Strain at Break	ISO 527-1, -2	100 %
Flexural modulus (23°C, 2mm/min)	ISO 178	1600 MPa
Impact		
Charpy notched impact strength	ISO 179	
(23°C, Type 1, Edgewise, Notch A)		50 kJ/m ²
(-30°C, Type 1, Edgewise, Notch A)		4,5 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	90 °C
Vicat softening temperature A/50	ISO 306	130 °C

Notes

Typical properties; not to be construed as specifications.