

Technical Data Sheet

Hifax TKC 220P G12761

Polypropylene Compounds

Product Description

Hifax TKC 220P G12761 is a 15% talc filled PP copolymer, with high impact resistance and outstanding scratch resistance. Product is available as a customized color matched, pellet form. This grade is delivered in G12761 color version.

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

Status	Commercial: Active
Availability	Europe
Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	High Impact Resistance; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	14	g/10 min	ISO 1133-1
Density, (23 °C)	1.02	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1400	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	19	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	50	kJ/m ²	ISO 179-1/1eA
(-40 °C)	3	kJ/m ²	ISO 179-1/1eA
Notched Izod Impact Strength			
(23 °C)	45	kJ/m ²	ISO 180/1A
(-40 °C)	4	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	90	°C	ISO 75B-1, -2