

Technical Data Sheet

Hifax TKC 407X C1 BLACK



Polypropylene Compounds

Product Description

Hifax TKC 407X C1 BLACK is a 15% talc filled PP copolymer, with and good impact/stiffness balance. It is typically used on automotive inject molding applications. Product is available in black color, pellet form.

Market	Automotive
Processing Method	Injection Molding
Attribute	Good Stiffness; Good Toughness

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	7.5	g/10 min	ISO 1133-1
Density, (23 °C)	1.0	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1530	MPa	ISO 178
Flexural Strength, (23 °C)	27	MPa	ISO 178/A1
Tensile Strength, (23 °C)	17	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Notch A)	50	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (-30 °C)	4.5	kJ/m ²	ISO 179-1/1eA