

Technical Data Sheet

Hifax TKC 362X R BLACK



Polypropylene Compounds

Product Description

Hifax TKC 362X R Black is a 10% talc filled PP copolymer, with high melt flow and good impact resistance. This grade has been designed for painted automotive exterior applications. Product is available in black color, pellet form.

The grade being in development, this is a preliminary datasheet subjected to changes after product industrialization.

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

Application	Automotive Parts; Bumpers; Exterior Trim
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	19	g/10 min	ISO 1133-1
Density, (23 °C)	0.97	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1300	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	19.5	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	27	kJ/m ²	ISO 179-1/1eA
(-20 °C, Type 1, Edgewise, Notch A)	6.5	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	130	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	50	°C	ISO 75A-1, -2