

Technical Data Sheet

Hifax TKC 2206X BLACK

Polypropylene Compounds



Product Description

Hifax TKC 2206X Black is a 20% talc filled PP copolymer with good processability, good impact/stiffness balance, low shrinkage for painted automotive exterior applications. Product is available in black color, pellet form.

Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Flow; Impact Modified; Low Shrinkage; Paintable

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)	1,03	g/cm ³	ISO 1183-1/A
Mechanical			
Tensile Modulus, (23 °C)	1850	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	16	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	3	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	40	kJ/m ²	ISO 179-1/1eA
(-30 °C)	4	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	NB	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (A50)	125	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	105	°C	ISO 75B-1, -2

