

Technical Data Sheet

Hifax TKC 2277X BLACK



Polypropylene Compounds

Product Description

Hifax TKC 2277X is a 15% 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.

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

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)	1,0	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1600	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C, 50 mm/min)	16	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	3,5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	50	kJ/m ²	ISO 179-1/1eA
(-30 °C)	5	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	125	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	100	°C	ISO 75B-1, -2