

Technical Data Sheet

Hifax TKC 435X BLACK

Polypropylene Compounds



Product Description

Hifax TKC 435X BLACK is a 9% talc filled PP copolymer, with excellent impact/stiffness balance, very good paintability and improved processability. Advanced technologies allowed for a significant reduction of mineral filler which contributed to the reduction of final part weight. Please contact Lyondellbasell for shrinkage recommendations. The product is also available in black color, pellet form.

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C)	0.95	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1400	MPa	ISO 178/A1
Impact			
Charpy Impact Strength - Notched			
(23 °C)	60	kJ/m ²	ISO 179-1/1eA
(-30 °C)	7	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	No Break		ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (A50)	128	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	90	°C	ISO 75B-1, -2

Notes

These are typical property values not to be construed as specification limits.

