

Technical Data Sheet

Hifax TKC 461X NA BLACK



Polypropylene Compounds

Product Description

Hifax TKC 461X NA BLACK is a 12% talc filled PP copolymer, with very low shrinkage and good impact resistance. Product is available in black color, pellet form.

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; Low Coefficient of Linear Thermal Expansion; 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)	0.98	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1550	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	>200	%	ISO 527-1, -2
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
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			