



Hostacom TKC 451N

Compounded Polyolefin

Product Description

Hostacom TKC 451N is a 18% talc filled PP copolymer, with good impact/stiffness balance and high scratch resistance. The product is available in different color matched, pellet form. This grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

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

Product Characteristics

Status	Commercial	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	Impact/stiffness balance, scratch resistance.	
Typical Customer Applications	Used for indoor/interior applications.	

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	14	g/10 min
Density (23 °C)	ISO 1183-1/A	1.04	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	20	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1850	MPa
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	20	kJ/m ²
Izod Impact Strength, notched (-30 °C)	ISO 180/1A	3	kJ/m ²
Thermal			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	96	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.