

## Technical Data Sheet

### Hostacom TKC 451N D82849



Polypropylene Compounds

#### 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.*

<b>Application</b>	Interior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Scratch Resistant

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