

## Technical Data Sheet

# Hostacom TKC 420N C1 C15207



Polypropylene Compounds

### Product Description

Hostacom TKC 420N C1 C15207 is a 10% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance, very good scratch resistance and blooming resistance at elevated temperatures. Advanced technologies allowed for a significant reduction of mineral filler content which contributed to the reduction of final part weight. Product is available as a customized color matched, pellet form. This grade is delivered in C15207 color version.

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

<b>Application</b>	Automotive Parts; Interior Trims
<b>Market</b>	Automotive
<b>Attribute</b>	Good Moldability; Non Blooming; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	17	g/10 min	ISO 1133-1
Density, (23 °C)	0.97	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	1650	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	21	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	36	kJ/m <sup>2</sup>	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (-30 °C)	4	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	54	°C	ISO 75B-1, -2