

Technical Data Sheet

Hostacom TKC 420N C12507



Polypropylene Compounds

Product Description

Hostacom TKC 420N C12507 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 C12507 color version.

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

Application	Automotive Parts; Interior Trims
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Moldability; Low Density; Non Blooming; Scratch Resistant

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)	0.97	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1700	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	21	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	35	kJ/m ²	ISO 179-1/1eA
(-30 °C)	4	kJ/m ²	ISO 179-1/1eA
Thermal			
Vicat Softening Temperature, (A50)	135	°C	ISO 306
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	54	°C	ISO 75A-1, -2