

Technical Data Sheet

Hostacom TKC 420N C12A19



Polypropylene Compounds

Product Description

Hostacom TKC 420N C12A19 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 C12A19 color version.

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

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|--------------------------|--|
| 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 |