

Technical Data Sheet

Hostacom EKC 330N E1 C12507



Polypropylene Compounds

Product Description

Hostacom EKC 330N E1 C12507 is a 16% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance, outstanding blooming resistance at elevated temperatures and good scratch resistance. 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.

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|--------------------------|--|
| Application | Automotive Parts; Interior Trims |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Processability; High Impact Resistance; Scratch Resistant; UV Resistant |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 17 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.01 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 1800 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 19 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 30 | kJ/m ² | ISO 179-1/1eA |
| (-30 °C) | 4 | kJ/m ² | ISO 179-1/1eA |
| Charpy Impact Strength - Unnotched, (23 °C) | No Break | | ISO 179-1/1eU |
| Thermal | | | |
| Vicat Softening Temperature, (A50) | 132 | °C | ISO 306 |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 56 | °C | ISO 75A-1, -2 |