

Technical Data Sheet

Hostacom TKC 2188N D E G71412



Polypropylene Compounds

Product Description

Hostacom TKC 2188N D E is a 5% talc filled PP copolymer, with low density, very good impact/stiffness balance, very good mouldability and excellent scratch resistance. Advanced technologies allowed for a significant reduction of linear thermal expansion coefficient which contributed to higher perceived quality of final part. This grade is delivered in customer customized colors.

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

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|-------------------|--|
| Application | Automotive Parts; Interior Automotive Applications; Interior Trims |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Antistatic; Ductile; Good Abrasion Resistance; Good Color Stability; Good Processability; Good Stiffness; Good Surface Finish; High Flow; High Impact Resistance; Low Density; Low Temperature Impact Resistance; Low to No Odor; Pleasing Surface Appearance; Scratch Resistant; UV Resistant |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 16 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 0.94 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 1500 | MPa | ISO 178/A1 |
| Impact | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 35 | kJ/m ² | ISO 179-1/1eA |
| (-30 °C) | 4.8 | kJ/m ² | ISO 179-1/1eA |
| Thermal | | | |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 56 | °C | ISO 75A-1, -2 |