

Technical Data Sheet

Hostacom HYC 675D BLACK



Polypropylene Compounds

Product Description

Hostacom HYC 675D BLACK is a talc filled PP homopolymer, with high flowability, high stiffness, and good thermal resistance. Product is available as non color matched, black, pellet form.

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

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|--------------------------|--|
| Application | Automotive Parts; Underhood |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Thermal Aging Resistance; High Flow; High Stiffness |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 27 | g/10 min | ISO 1133-1 |
| Density, (23 °C, Method A) | 1.02 | g/cm ³ | ISO 1183-1 |
| Mechanical | | | |
| Flexural Modulus | 2550 | MPa | ISO 178 |
| Tensile Stress at Yield | 33 | MPa | ISO 527-1, -2 |
| Tensile Strain at Break | 20 | % | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength, (23 °C) | 3.5 | kJ/m ² | ISO 180/1A |
| Thermal | | | |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 115 | °C | ISO 75B-1, -2 |