

Technical Data Sheet

Hostacom 5106 NATURAL



Polypropylene Compounds

Product Description

Hostacom 5106 NATURAL is a 15% glass fiber reinforced PP homopolymer, with low melt flow rate.

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

| | |
|--------------------------|-------------------------------------|
| Application | Industrial |
| Market | Industrial, Building & Construction |
| Processing Method | Injection Molding |
| Attribute | Good Stiffness; Low Flow |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 4 | g/10 min | ISO 1133-1 |
| Density, (23 °C, Method A) | 1.00 | g/cm ³ | ISO 1183-1 |
| Mechanical | | | |
| Flexural Modulus | 3400 | MPa | ISO 178 |
| Tensile Stress at Yield | 56 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength, (23 °C) | 6 | kJ/m ² | ISO 180/1A |
| Thermal | | | |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 126 | °C | ISO 75A-1, -2 |