



Hostacom 6551

Compounded Polyolefin

Product Description

Hostacom 6551 conventional melt flow, 1,300 MPa flexural modulus, precolored polypropylene homopolymer has a good combination of strength, stiffness, impact and heat resistance. It was designed for a variety of industrial and consumer applications.

Product Characteristics

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| Test Method used | ASTM |
| Processing Methods | Injection Molding |
| Features | Good Chemical Resistance, Good Heat Aging Resistance , Medium Heat Resistance , Homopolymer, Good Impact Resistance , Good Processability, Good Stiffness , Medium Strength |
| Typical Customer Applications | Appliances, Hair Dryers, Shavers and Steam Irons, Other Industrial |

| Typical Properties | Method | Value | Unit |
|-------------------------------|-------------|-------|-------------------|
| Physical | | | |
| Density -Specific Gravity | ASTM D 792 | 0.94 | g/cm ³ |
| Melt Flow Rate (230°C/2.16kg) | ASTM D 1238 | 4 | g/10 min |
| Mechanical | | | |
| Flexural Modulus | ASTM D 790 | 1300 | MPa |
| Tensile Strength @ Yield | ASTM D 638 | 34 | MPa |
| Tensile Strength @ Break | ASTM D 638 | 14 | MPa |
| Tensile Elongation @ Yield | ASTM D 638 | 7 | % |
| Tensile Elongation @ Brk | ASTM D 638 | 350 | % |
| Impact | | | |
| Notched Izod Impact (23 °C) | ASTM D 256 | 53 | J/m |
| Hardness | | | |
| Rockwell Hardness (R-Scale) | ASTM D 785 | 98 | |
| Thermal | | | |
| DTUL @66psi - Unannealed | ASTM D 648 | 81 | °C |