

## Technical Data Sheet

### Hostacom HKC 5054D C11504



Polypropylene Compounds

#### Product Description

Hostacom HKC 5054D C11504 is a mineral filled PP homopolymer with medium melt flow rate.  
Product is not UL listed.

This is a preliminary datasheet subjected to changes after product industrialization.

#### Regulatory Status

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

|                   |                          |
|-------------------|--------------------------|
| Application       | White Goods              |
| Market            | Electrical / Electronics |
| Processing Method | Injection Molding        |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 10.5          | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.15          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 3400          | MPa               | ISO 178/A1    |
| Tensile Modulus, (23 °C)                                  | 3300          | MPa               | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C)                          | 33            | MPa               | ISO 527-1, -2 |
| Tensile Strain at Yield, (23 °C)                          | 4.0           | %                 | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched, (23 °C)                 | 2.5           | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| Charpy Impact Strength - Unnotched, (23 °C)               | 28            | kJ/m <sup>2</sup> | ISO 179-1/1eU |
| <b>Thermal</b>                                            |               |                   |               |
| Vicat Softening Temperature, (B50)                        | 92            | °C                | ISO 306       |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 70            | °C                | ISO 75A-1, -2 |