

## Technical Data Sheet

### Hostacom HKC 182L G72432



Polypropylene Compounds

#### Product Description

Hostacom HKC 182L G72432 is a mineral filled PP homopolymer with medium melt flow rate.  
Product is UL listed.

|                   |                          |
|-------------------|--------------------------|
| 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    |
| Melt Volume Flow Rate, (230 °C/2.16 kg)                   | 11            | cm <sup>3</sup> /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 Break, (23 °C)                          | 4.5           | %                       | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                         |               |
| Charpy Impact Strength - Notched                          |               |                         |               |
| (23 °C)                                                   | 2.5           | kJ/m <sup>2</sup>       | ISO 179-1/1eA |
| (0 °C)                                                    | 2             | 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 |
| (0 °C)                                                    | 15            | 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 |

#### Notes

These are typical property values not to be construed as specification limits.

