

## Technical Data Sheet

### Hostacom HKC 431N C12334



Polypropylene Compounds

#### Product Description

Hostacom HKC 431N C12334 is a 22% talc filled PP homopolymer, with high stiffness and high UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12334 color version.

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

|                   |                                    |
|-------------------|------------------------------------|
| Application       | Interior Trims                     |
| Market            | Automotive                         |
| Processing Method | Injection Molding                  |
| Attribute         | Good UV Resistance; High Stiffness |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 11            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.04          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 3100          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield, (23 °C)                          | 32            | MPa               | ISO 527-1, -2 |
| Tensile Strain at Break, (23 °C)                          | 20            | %                 | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched                          |               |                   |               |
| (23 °C)                                                   | 3             | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| (-30 °C)                                                  | 1.5           | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| <b>Thermal</b>                                            |               |                   |               |
| Vicat Softening Temperature, (A50)                        | 155           | °C                | ISO 306       |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 120           | °C                | ISO 75B-1, -2 |