

## Technical Data Sheet

### Hostacom TKC 420N G22952

Polypropylene Compounds



#### Product Description

Hostacom TKC 420N G22952 is a 10% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance, very good scratch resistance and blooming resistance at elevated temperatures. Advanced technologies allowed for a significant reduction of mineral filler content which contributed to the reduction of final part weight. Product is available as a customized color matched, pellet form. This grade is delivered in G22952 color version.

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Application       | Automotive Parts; Interior Trims                               |
| Market            | Automotive                                                     |
| Processing Method | Injection Molding                                              |
| Attribute         | Good Moldability; Low Density; Non Blooming; Scratch Resistant |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 14            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 0.97          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 1700          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield, (23 °C)                          | 21            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched                          |               |                   |               |
| (23 °C)                                                   | 35            | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| (-30 °C)                                                  | 4             | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| <b>Thermal</b>                                            |               |                   |               |
| Vicat Softening Temperature, (A50)                        | 135           | °C                | ISO 306       |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 54            | °C                | ISO 75A-1, -2 |

