

## Technical Data Sheet

### Hostacom TKC 2007N NAT



Polypropylene Compounds

#### Product Description

Hostacom TKC 2007N is a 5% talc filled PP copolymer, with low density, excellent blooming resistance at elevated temperatures, very good impact/stiffness balance, very good mouldability and excellent scratch resistance. Advanced technologies allowed for a significant reduction of mineral filler content which contributed to the reduction of final part weight. Please contact LyondellBasell for shrinkage recommendations. The product is available in different color matched, pellet form. This Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

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

|                          |  |
|--------------------------|--|
| <b>Application</b>       | Automotive Parts; Interior Trims                               |
| <b>Market</b>            | Automotive   |
| <b>Processing Method</b> | Injection Molding  |
| <b>Attribute</b>         | 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)                          | 16            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)  | 0.93          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>   |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 1650          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield, (23 °C)                          | 20            | MPa               | ISO 527-1, -2 |
| Tensile Strain at Yield, (23 °C)                          | 4.8           | %                 | 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)  | 4.8           | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| <b>Thermal</b>  |               |                   |               |
| Vicat Softening Temperature, (A50)                        | 136           | °C                | ISO 306       |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 56            | °C                | ISO 75A-1, -2 |