Technical Data Sheet

# *Hostacom* TKC 2007N C12897

Polypropylene Compounds

## Product Description

*Hostacom* TKC 2007N C12897 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. This product is also available in other colors, new colors can be developed depending on customer requirements.

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

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|---|---|
| **Status** | Commercial: Active |
| **Availability** | Europe |
| **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 |
|---|---|---|---|
| **Physical** | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 16 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 0.93 | g/cm³ | ISO 1183-1/A |
| **Mechanical** | | | |
| 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 |
| **Impact** | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 35 | kJ/m² | ISO 179-1/1eA |
| (-30 °C) | 4.8 | kJ/m² | ISO 179-1/1eA |
| **Thermal** | | | |
| Vicat Softening Temperature, (A50) | 136 | °C | ISO 306 |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 56 | °C | ISO 75A-1, -2 |

## Notes

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