Technical Data Sheet

# *Hostacom* TKC 2007N C12710

Polypropylene Compounds

## Product Description

*Hostacom* TKC 2007N C12710 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 fillercontent 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.

## Regulatory Status

For regulatory compliance information, see *Hostacom* TKC 2007N C12710 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

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

| | |
|---|---|
| **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 |



Manufacturer website: https://www.lyondellbasell.com/en/

## Notes

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

Availability indicates the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

## Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

## Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

## Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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