

## Technical Data Sheet

### Hostacom TYC 2101N C12507



Polypropylene Compounds

#### Product Description

Hostacom TYC 2101N C12507 is a 30% talc filled PP copolymer, with good impact/stiffness balance, very good flowability, good scratch resistance and very good blooming resistance at elevated temperatures. Please contact LyondellBasell for shrinkage recommendations. This product is available as a customized color matched, pellet form. This grade is delivered in C12507 color version.

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

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

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 35            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1,13          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 1900          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield, (23 °C)                          | 16            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched                          |               |                   |               |
| (23 °C)                                                   | 10            | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| (-30 °C)                                                  | 3             | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| Charpy Impact Strength - Unnotched, (23 °C)               | No Break      |                   | ISO 179-1/1eU |
| <b>Thermal</b>                                            |               |                   |               |
| Vicat Softening Temperature, (A50)                        | 128           | °C                | ISO 306       |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 56            | °C                | ISO 75A-1, -2 |