

## Technical Data Sheet

### Hostacom EKC 330N E1 G62514



Polypropylene Compounds

#### Product Description

Hostacom EKC 330N E1 G62514 is a 16% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance, outstanding blooming resistance at elevated temperatures and good scratch resistance. This grade is delivered in G62514 color version. 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.*

|                   |                                                                              |
|-------------------|------------------------------------------------------------------------------|
| Application       | Automotive Parts; Interior Trims                                             |
| Market            | Automotive                                                                   |
| Processing Method | Injection Molding                                                            |
| Attribute         | Good Processability; High Impact Resistance; Scratch Resistant; UV Resistant |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 17            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.02          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 1800          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield, (23 °C)                          | 19            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched                          |               |                   |               |
| (23 °C)                                                   | 30            | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| (-30 °C)                                                  | 4             | 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)                        | 132           | °C                | ISO 306       |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 56            | °C                | ISO 75A-1, -2 |