

Technical Data Sheet

Hostacom DYS 707N E C12827



Polypropylene Compounds

Product Description

Hostacom DYS 707N E C12827 is an unfilled PP copolymer, with excellent impact/stiffness balance and very good processability. The product is available as a customized color matched, pellet form. This grade is delivered in C12827 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 | Interior Trims |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Impact Resistance; High Flow |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 22 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 0.90 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 1000 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 18 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 45 | kJ/m ² | ISO 179-1/1eA |
| (-40 °C) | 4 | kJ/m ² | ISO 179-1/1eA |
| Notched Izod Impact Strength | | | |
| (23 °C) | 40 | kJ/m ² | ISO 180/1A |
| (-40 °C) | 5 | kJ/m ² | ISO 180/1A |
| Thermal | | | |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 80 | °C | ISO 75B-1, -2 |