



Softell TKS 209N C12616

Compounded Polyolefin

Product Description

Softell TKS 209N C12616 is an unfilled PP copolymer, with very low toughness, very low stiffness, low gloss and good scratch resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12616 color version.

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

Product Characteristics

| | |
|--------------------------------------|---|
| Status | Commercial |
| Processing Method | Injection molding |
| Features | Toughness, stiffness, scratch resistance. |
| Typical Customer Applications | Used for interior applications that require excellent aesthetics aspect, like soft inlays and flexible parts. |

| Typical Properties | Method | Value | Unit |
|--|---------------|-------|-------------------|
| Physical | | | |
| Melt Flow Rate (230 °C, 2.16 kg) | ISO 1133 | 5 | g/10 min |
| Density (23 °C) | ISO 1183-1/A | 0.91 | g/cm ³ |
| Mechanical | | | |
| Flexural Modulus (23 °C) Tech. A | ISO 178/A1 | 85 | MPa |
| Impact | | | |
| Charpy Impact Strength, notched (23 °C) | ISO 179-1/1eA | NB | kJ/m ² |
| Charpy Impact Strength, notched (-30 °C) | ISO 179-1/1eA | 105 | kJ/m ² |
| Thermal | | | |
| Vicat Softening Temperature A (10 N) | ISO 306 | 50 | °C |

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.

