



Softell TKG 300N D12615

Compounded Polyolefin

Product Description

Softell TKG 300N D12615 is a 26% glass fiber reinforced PP copolymer, with very low gloss, very low emissions, excellent scratch resistance and very low CLTE (Coefficient of Linear Thermal Expansion). Please contact Basell for shrinkage recommendations. The product is available in different color matched, pellet form. This grade is delivered in D12615 color version.

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Gloss, emissions, scratch resistance, CLTE (Coefficient of Linear Thermal Expansion).
Typical Customer Applications	Used for applications that require excellent aesthetics.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	6	g/10 min
Density (23 °C)	ISO 1183-1/A	1.09	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	34	MPa
Tens. Strain at Break	ISO 527-1, -2	13	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2500	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	35	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	5.5	kJ/m ²
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	132	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	80	°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 affect the quality of this product
- Keep material completely dry for good processing.

