

Technical Data Sheet

Softell™ TKG 300N C12453



Polypropylene Compounds

Product Description

Softell™ TKG 300N C12453 is a 25% glass fiber reinforced PP copolymer, with good impact resistance, good stiffness, high scratch resistance and low gloss. The product is also available as a customized color matched, pellet form. Please contact Basell for shrinkage recommendations. This grade is delivered in C12453 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; Good Stiffness; Low Gloss; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6	g/10 min	ISO 1133-1
Density, (23 °C)	1.09	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2500	MPa	ISO 178/A1
Impact			
Notched Izod Impact Strength			
(23 °C)	35	kJ/m²	ISO 180/1A
(-30 °C)	5.5	kJ/m²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	125	°C	ISO 75B-1, -2