

Technical Data Sheet

Softell™ TKG 317N C12507



Polypropylene Compounds

Product Description

Softell™ TKG 317N C12507 is a 25% glass fiber reinforced PP copolymer, with high dimensional stability, good surface appearance, low gloss, high stiffness and excellent scratch resistance.

Please contact lyondellbasell for shrinkage recommendations. This grade is delivered in C12507 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; High Stiffness; Noise Damping; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8	g/10 min	ISO 1133-1
Density, (23 °C)	1.09	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	4500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	57	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)	6	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	10	kJ/m²	ISO 179-1/1eA
(-30 °C)	5	kJ/m²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	128	°C	ISO 75A-1, -2