

Technical Data Sheet

Softell™ TKG 300N 1 C12871

Polypropylene Compounds

Product Description

Softell™ TKG 300N 1 C12871 is a 25% glass fiber reinforced PP copolymer, with high UV resistance, very good soft touch haptics, high flowability, high dimensional stability and very high scratch resistance. Product is available as a customized color matched, pellet form.

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 Flow; Low Gloss; Scratch Resistant; Soft; UV 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/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2500	MPa	ISO 178/A1
Tensile Strain at Break, (23 °C)	36	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	35	kJ/m ²	ISO 179-1/1eA
(-30 °C)	7.1	kJ/m ²	ISO 179-1/1eA
Hardness			
Shore Hardness, (Shore D)	58		ISO 868
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	125	°C	ISO 75B-1, -2