

Technical Data Sheet

Softell™ TKG 300N D82849

Polypropylene Compounds



Product Description

Softell™ TKG 300N D82849 is a 25% glass fiber reinforced PP copolymer, with excellent scratch resistance and very good impact/stiffness balance. The product is available in different color matched, pellet form

Application	Interior Trims
Market	Automotive
Processing Method	Injection Molding
Attribute	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/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	2500	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	33	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	37	kJ/m ²	ISO 180/1A
(-30 °C)	7	kJ/m ²	ISO 180/1A
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	130	°C	ISO 75B-1, -2

Notes

These are typical property values not to be construed as specification limits.

