

## Technical Data Sheet

**Softell TKG 2039N E2 C12A19**

Polypropylene Compounds

**Product Description**

Softell TKG 2039N E2 C12A19 is a 25% glass fiber reinforced PP copolymer, with high UV resistance, very good soft touch haptics, high flowability, high dimensional stability, very high impact resistance and scratch resistance. The product is available in different color matched, pellet form. Material shows low shrinkage and has a very low warpage tendency. This grade is delivered in C12A19 version.

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

<b>Application</b>	Instrument Panels; Interior Trims
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Dimensional Stability; Good UV Resistance; High Flow; Scratch Resistant; Soft

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density, (23 °C)	1.09	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	2800	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	33	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	14	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	42	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-30 °C)	12.5	kJ/m <sup>2</sup>	ISO 179-1/1eA
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	120	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	140	°C	ISO 75B-1, -2