

## Technical Data Sheet

**Softell TKS 209NU NATURAL**

Polypropylene Compounds

**Product Description**

*SOFTELL* TKS 209NU NATURAL is a thermoplastic polyolefin elastomer compound for injection molding. It is typically used for automotive interior applications that require low gloss, soft touch, good impact and scratch and mar resistance.

<b>Application</b>	Interior Automotive Applications; Soft Touch Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	3.5	g/10 min	ASTM D1238
Density, (23 °C)	0.88	kg/m <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Tensile Modulus, (23 °C)	90	MPa	ISO 527-1, -2
Tensile Stress at Yield, (23 °C)	6.4	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	48	kJ/m <sup>2</sup>	ISO 179
(-30 °C)	80	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	40	°C	ISO 75B-1, -2
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			