

Softell TKS 209N

Compounded Polyolefin

Product Description

Softell TKS 209N is a UV stabilised, unfilled thermoplastic polyolefin compound for injection moulding. This grade has been especially designed for aesthetical automotive interior applications like soft inlays and flexible parts. Softell TKS 209N combines soft touch haptics, a matt surface, a very good sound dampening with a very low modulus and a good scratch resistance. The grade is available in colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Method	Injection Molding
Features	Ductile, High Impact Resistance , Scratch Resistant, Soft, Sound Dampening, Low Shrinkage, Low Gloss

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	0,91 g/cm ³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	4,0 g/10 min
Mechanical		
Tensile Stress at Break (23 °C)	ISO 527-1, -2	8 MPa
Flexural modulus (23 °C)	ISO 178	85 MPa
Impact		
Notched impact strength acN -30>C	ISO 179	105 kJ/m ²
Notched impact strength acN 23>C	ISO 179	NB kJ/m ²
Hardness		
Shore hardness D	ISO 868/ASTM D 2240	24 / -
<i>Note: (3 s / 15 s)</i>		
Thermal		
Vicat softening temperature A/50	ISO 306	53 °C

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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