



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 Damping, 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 / -
Note: (3 s / 15 s)		
Thermal		
Vicat softening temperature A/50	ISO 306	53 °C

Notes

Typical properties; not to be construed as specifications.

© LyondellBasell Industries Holdings, B.V. 2011

LyondellBasell markets this product through the following entities:

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

For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyondellbasell.com/>.

Before using a product sold by one of the LyondellBasell family of companies, users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. SELLER MAKES NO WARRANTY; EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) OTHER THAN AS SEPARATELY AGREED BETWEEN THE PARTIES IN WRITING. This product(s) may not be used in the manufacture of any US FDA Class III Medical Device or Health Canada Class IV Medical Device and may not be used in the manufacture of any US FDA Class II Medical Device or Health Canada Class II or Class III Medical Device without the prior written approval by Seller of each specific product or application.

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

Adflex, Adstif, Adsyl, Akoafloor, Akoalit, Alastian, Alathon, Alkylate, Amazing Chemistry, Aquamarine, Aquathene, Arconate, Arcopure, Arcosolv, Arctic Plus, Arctic Shield, Avant, Catalloy, Clyrell, CRP, Crystex, Dextflex, Duopac, Duoprime, Explore & Experiment, Filmex, Flexathene, Fueling the Power to Win, Get in touch with, Glacido, Hifax, Histif, Hostacom, Hostalen, Ideal, Integrate, Koattro, LIPP, Lucalen, Luflexen, Lupolen, Lupolex, Luposim, Lupostress, Lupotech, Metocene, Microthene, Moplen, MPDIOL, Nerolex, Nexprene, Petrothene, Plexar, Polymeg, Pristene, Prodflex, Pro-Fax, Punctilious, Purell, SAA100, SAA101, Sequel, Softell, Spherilene, Spheripol, Spherizone, Starflex, Stretchene, Superflex, TBAC , Tebol, T-Hydro, Toppyl, Trans4m, Tuffio, Ultrathene, Vacido and Valtec are trademarks owned or used by the LyondellBasell family of companies.

Adsyl, Akoafloor, Akoalit, Alastian, Alathon, Aquamarine, Arconate, Arcopure, Arcosolv, Arctic Plus, Arctic Shield, Avant, Clyrell, CRP, Crystex, Dextflex, Duopac, Duoprime, Explore & Experiment, Filmex, Flexathene, Hifax, Hostacom, Hostalen, Ideal, Integrate, Koattro, Lucalen, Lupolen, Microthene, Moplen, MPDIOL, Nexprene, Petrothene, Plexar, Polymeg, Pristene, Pro-Fax, Punctilious, Purell, Sequel, Softell, Spheripol, Spherizone, Starflex, Tebol, T-Hydro, Toppyl, Tuffio and Ultrathene are registered in the U.S. Patent and Trademark Office.

Release Date: 24 May 2011