

Hostacom TKC 2007N

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom TKC 2007N is a 5% talc filled PP copolymer, with low density, excellent blooming resistance at elevated temperatures, very good impact/stiffness balance, very good mouldability and excellent scratch resistance. Advanced technologies allowed for a significant reduction of mineral filler which contributed to the reduction of final part weight. Please contact Basell for shrinkage recommendations. The product is available in different color matched, pellet form. This grade is delivered in customer customized colors, this Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

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

General Information			
Filler / Reinforcement	Talc filler, 5.0% filler by weight		
Features	Low density		
	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Good formability		
	Scratch resistance		
Uses	Car interior equipment		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.930	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	21.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	4.8	%	ISO 527-2
Flexural Modulus ¹ (23°C)	1650	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	4.8	kJ/m²	ISO 179/1eA
23°C	35	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	56.0	°C	ISO 75-2/A
Vicat Softening Temperature	142	°C	ISO 306/A
NOTE			
1.	1.0 mm/min		

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