

SABIC® PP 523K

Polypropylene Homopolymer
Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® PP 523K is a nucleated grade and provides therefore high stiffness, more transparency and gloss if compared to conventional homopolymers. Moreover, it is formulated with a combined processing and antistatic package. SABIC® PP 523K is used for thermoformed food and drink containers.

General Information			
UL YellowCard	E111275-306884		
Additive	Nucleating agent		
	Antistatic property		
Features	Nucleated		
	Rigidity, high		
	Highlight		
	Optical		
	Homopolymer		
	Antistatic property		
Uses	Cup		
	Thermoformed container		
	Food container		
Forms	Particle		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ¹	1900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	3.5	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	150	°C	ISO 306/A50
--	87.0	°C	ISO 306/B50
Additional Information			
Anti block agent: NoSlip agent: NoAnti static agent: YesNucleating agent: YesAnti gas fading: No			
NOTE			
1.	Method I (three-point load)		

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