

Braskem PP C706-21NAHP

Polypropylene Impact Copolymer

Braskem Europe GmbH

Message:

Braskem C706-21NA HP Polypropylene Resin is a high performance impact copolymer developed for thin wall injection moulding. Braskem C706-21NA HP Polypropylene Resin is a high flow impact copolymer with high stiffness, attractive impact resistance and excellent antistatic properties. As a result of the excellent mouldability of Braskem C706-21NA HP Polypropylene Resin, short injection cycle times are possible.

Applications for Braskem C706-21NA HP Polypropylene Resin:

- Thin wall containers
 - Pails
 - Household and appliances components
 - Flower pots
 - Filters
 - Filter housings
 - Complies with:
 - EU, No 10/2011
 - U.S. FDA FCN 843
- Consult the regulations for complete details.

General Information			
Agency Ratings	EU No 10/2011		
	FDA FCN 843		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	27.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	8.0	%	ISO 527-2
Flexural Modulus (Injection Molded)	1450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C, Injection Molded	4.5	kJ/m ²	
0°C, Injection Molded	5.0	kJ/m ²	
23°C, Injection Molded	8.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (0.45 MPa, Unannealed)	100	°C	ISO 75-2/B
Vicat Softening Temperature ²	151	°C	ISO 306/A
NOTE			
1.	Injection Molded		
2.	Injection Molded		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

