

Braskem PP H105-03NA

Polypropylene Homopolymer

Braskem Europe GmbH

Message:

Braskem H105-03NA Polypropylene Resin is a homopolymer developed for sheet extrusion and subsequent thermoforming. Braskem H105-03NA Polypropylene Resin is used in applications requiring excellent optical performance (clarity, gloss), stiffness, high temperature resistance, antistatic and organoleptic properties.

Applications for Braskem H105-03NA Polypropylene Resin:

Vending cups, dairy pots, trays for biscuits, chocolates and fruits

Blister packaging

Regulatory Information

Braskem H105-03NA Polypropylene Resin should comply with EU, No 10/2011. The appropriate regulations should be consulted for more detailed information.

General Information			
Agency Ratings	EU No 10/2011		
Forms	Pellets		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.2	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	35.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	11	%	ISO 527-2
Flexural Modulus (Injection Molded)	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	5.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (0.45 MPa, Unannealed)	120	°C	ISO 75-2/B
Vicat Softening Temperature ²	156	°C	ISO 306/A
Optical	Nominal Value	Unit	Test Method
Gloss (45°, Injection Molded)	63		ASTM D2457
Haze (Injection Molded)	35	%	ASTM D1003
NOTE			
1.	Injection Molded		
2.	Injection Molded		

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