

Braskem PP H734-52RNA

Polypropylene Homopolymer

Braskem Europe GmbH

Message:

Braskem H734-52RNA Polypropylene Resin is a homopolymer developed for thin wall, high speed injection moulding. Braskem H734-52RNA Polypropylene Resin is a high flow homopolymer with a good balance of physical properties. Braskem H734- 52RNA Polypropylene Resin contains a very efficient antistatic package and offers good transparency when required. Braskem H734-52RNA Polypropylene Resin is designed and formulated to allow for very easy processing, short cycle times, low shrinkage, minimal warpage and good part dimensional stability.

Applications:

- Thin wall food packaging
 - Thin wall cosmetic packaging
 - Housewares
 - Appliances
 - Caps & closures
 - Videocassette boxes
 - Office accessories & pens
- Complies with:
- U.S. FDA 21 CFR 177.1520(c)1.1
 - EU, No 10/2011
- Consult the regulations for complete details.

General Information			
Agency Ratings		EU No 10/2011	
		FDA 21 CFR 177.1520(c) 1.1	
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	52	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	37.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	9.0	%	ISO 527-2
Flexural Modulus (Injection Molded)	1650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	2.5	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹ (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B
Vicat Softening Temperature ²	152	°C	ISO 306/A
NOTE			
1.	Injection Molded		
2.	Injection Molded		

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Recommended distributors for this material

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