

Braskem PP H540-03Z

Polypropylene Homopolymer

Braskem Europe GmbH

Message:

Braskem H540-03Z Polypropylene Resin is a homopolymer offering combination of good stiffness with optimum strenght. This resin is suitable for thermoforming, raffia as well as injection molding applications.

Applications:

thin wall thermoforming

injection moulding

Tape

Raffia

Complies with:

EU, No 10/2011

U.S. FDA 21 CFR 177.1520(c)1.1a

Consult the regulations for complete details.

General Information			
Agency Ratings	EU No 10/2011		
	FDA 21 CFR 177.1520(c) 1.1a		
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)	3.2	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	35.0	MPa	ISO 527-2
Tensile Strain (Yield)	11	%	ISO 527-2
Flexural Modulus (Injection Molded)	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.5	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B
Vicat Softening Temperature	155	°C	ISO 306/A

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