

Braskem PP DH789.01

Polypropylene Homopolymer

Braskem Europe GmbH

Message:

BRASKEM DH789.01 Developmental Polypropylene Resin is a homopolymer for Injection Molding, Twin Wall Injection Molding and High Speed Injection Moulding. This resin offers a good balance of physical properties and excellent organoleptic. BRASKEM DH789.01 Polypropylene Resin contains a very efficient antistatic and nucleation package and provides excellent optical properties. It 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 packaging e.g. food, caps & closures, cosmetics

Thin wall consumer goods e.g. housewares, appliances, video boxes, office accessories

Process:

High Speed Injection Moulding

General Information			
Additive	Nucleating agent		
	Antistatic property		
Features	Nucleated		
	Good dimensional stability		
	Low warpage		
	Optical		
	Homopolymer		
	Antistatic property		
	Workability, good		
	Good formability		
	Good sensory characteristics		
	Low shrinkage		
Uses	Cosmetic Packaging		
	Packaging		
	Electrical appliances		
	Shield		
	Household goods		
	Food packaging		
	Shell		
Agency Ratings	Hard packaging		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1		
	Europe 10/1/2011 12:00:00 AM		
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)	50	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (Injection Molded)	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	2.5	kJ/m ²	ISO 179/1eA

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