

Braskem PP DH742.01

Polypropylene Homopolymer

Braskem Europe GmbH

Message:

BRASKEM DH742.01 Polypropylene Resin is a homopolymer for medium flow Injection Molding applications. The resin has a very good balance of physical properties and excellent organoleptic. BRASKEM DH742.01 Polypropylene Resin is nucleated and contains a very efficient antistatic package offering good optical properties (transparency). It is designed and formulated to allow for very easy processing, short cycle times, low shrinkage and good part dimensional stability.

Applications:

Rigid packaging e.g. cosmetics, caps & closures

Cosmetic packaging e.g. housewares, general appliances

Process:

Injection Molding

General Information			
Additive	Nucleating agent		
	Antistatic property		
Features	Excellent Organoleptic Properties		
	Nucleated		
	Good dimensional stability		
	Optical		
	Homopolymer		
	Antistatic property		
	Workability, good		
	Fast molding cycle		
	Medium liquidity		
	Definition, high		
	Low shrinkage		
Uses	Cosmetic Packaging		
	Packaging		
	Electrical appliances		
	Shield		
	Household goods		
	Shell		
Agency Ratings	Hard packaging		
	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)	12	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)	3.8	kJ/m ²	ISO 179/1eA

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