

Braskem PP D382.01

Polypropylene Random Copolymer

Braskem Europe GmbH

Message:

BRASKEM Developmental Random copolymer Resin D382.01 has been developed for injection molding of thin wall packaging and consumer containers e.g. food keeper boxes. BRASKEM D382.01 provides very high flowability, excellent optics, superior organoleptics (low taste & odor) and a very good balance of mechanical properties.

Applications:

Thin Wall Packaging

Thin Wall Consumer Goods e.g. Housewares, Media Packaging

Process:

Injection Moulding, Thin Wall Injection Moulding

General Information			
Features	Excellent Organoleptic Properties		
	Optical		
	High liquidity		
	Random copolymer		
Uses	Packaging		
	Thin wall packaging		
	Household goods		
	Media packaging		
	Container		
	Consumer goods application field		
Agency Ratings	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)	70	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	30.0	MPa	ISO 527-2
Flexural Modulus (Injection Molded)	1060	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	5.0	kJ/m ²	ISO 179/1eA
Optical	Nominal Value	Unit	Test Method
Haze (1000 µm, Injection Molded)	11	%	ASTM D1003

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