

Braskem PP DC705.01

Polypropylene Impact Copolymer

Braskem Europe GmbH

Message:

DC705.01 Developmental Polypropylene Resin is a high performance impact copolymer for thin wall packaging containers requiring excellent taste and odor performance. The grade is a nucleated impact copolymer combining high flow with an excellent balance of mechanical properties even at low temperatures. DC705.01 Developmental Polypropylene Resin has been designed for short cycle times and good antistatic performance.

Applications:

Thin wall packaging e.g. margarine tubs, dairy product pots, ice cream containers

Thin wall consumer goods e.g. container, cool boxes, lids, housewares, flower pots

Process:

High speed thin wall injection moulding

General Information			
Additive	Nucleating agent		
Features	Nucleated		
	Impact copolymer		
	High liquidity		
	Low temperature resistance		
Uses	Packaging		
	Thin wall packaging		
	Thin wall parts		
	Thin wall container		
	Cover		
	Household goods		
	Container		
Agency Ratings	FDA FCN 843		
	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)	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C, injection molding	4.0	kJ/m ²	ISO 179/1eA
23°C, injection molding	7.0	kJ/m ²	ISO 179/1eA

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