

# Braskem PP C7070-35N

Polypropylene Impact Copolymer

Braskem Europe GmbH

Message:

BRASKEM C7070-35N Polypropylene Resin is intended for use in injection molding processes where medium impact strength is required. The product contains a nucleating additive and exhibits good stiffness/impact with efficient processability.

Applications:

Thin wall packaging e.g. containers, buckets, pails. lids

Thin wall Consumer goods e.g. housewares

Caps and closures

Process:

Injection molding

General Information			
Additive	Nucleating agent		
Features	Nucleated		
	Rigid, good		
	Impact copolymer		
	Impact resistance, good		
	Workability, good		
	Medium impact resistance		
Uses	Packaging		
	Thin wall packaging		
	Thin wall parts		
	Cover		
	Shield		
	Household goods		
	Container		
	Barrel		
	Shell		
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 <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	25.0	MPa	ISO 527-2

Flexural Modulus (Injection Molded)	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C, injection molding	4.5	kJ/m <sup>2</sup>	ISO 179/1eA
0°C, injection molding	5.0	kJ/m <sup>2</sup>	ISO 179/1eA
23°C, injection molding	6.5	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B

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