

# Braskem PP F1000HC

High Crystallinity Polypropylene

Braskem America Inc.

Message:

Sub-group  
High Crystallinity Homopolymer  
Description  
Very high flexural modulus, high melt flow  
Applications  
Suggested uses include compounding, automotive, appliances

General Information			
Features	Food Contact Acceptable		
	Highly Crystalline		
	Homopolymer		
Uses	Appliances		
	Automotive Applications		
	Compounding		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	120	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield, Injection Molded)	41.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield, Injection Molded)	4.5	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup> (Injection Molded)	2070	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	16	J/m	ASTM D256A
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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