

Braskem PP FPT300F

Polypropylene Homopolymer

Braskem America Inc.

Message:

Sub-group:
Homopolymer Polypropylene
Description:
Good mold release, excellent part finish (low bloom).
Applications:
Suggested uses include housewares, caps and closures, mugs / cups, thin-walled containers.
Process:
Injection Molding.

General Information			
Features	Food Contact Acceptable		
	Good Mold Release		
	Good Surface Finish		
	Homopolymer		
	Low Blooming		
Uses	Caps		
	Closures		
	Cups		
	Household Goods		
	Thin-walled Containers		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	104		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	33.1	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus - 1% Secant ³ (Injection Molded)	1380	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	37	J/m	ASTM D256A

NOTE

1.	51 mm/min
2.	51 mm/min
3.	1.3 mm/min

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