

Braskem PP FT120WV

Polypropylene Homopolymer

Braskem America Inc.

Message:

Sub-group:
Homopolymer
Description:
Antistatic, nucleated, good mold release.
Applications:
Suggested uses include cosmetic packaging, disposable cutlery, closures, overcaps.
Process:
Injection Molding.

General Information			
Additive	Antistatic		
	Mold Release		
	Nucleating Agent		
Features	Antistatic		
	Disposable		
	Food Contact Acceptable		
	Good Mold Release		
	Homopolymer		
	Nucleated		
Uses	Closures		
	Containers		
	Cosmetic Packaging		
	Disposable Tableware		
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)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	38.6	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1650	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Injection	Nominal Value	Unit	
Rear Temperature	227	°C	
Middle Temperature	238	°C	
Front Temperature	238	°C	
Nozzle Temperature	221	°C	
Processing (Melt) Temp	> 164	°C	
Mold Temperature	21.1 to 48.9	°C	
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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