Braskem PP FT200WV

Braskem America Inc. - Polypropylene Homopolymer

Wednesday, October 9, 2019

General Information

Product Description

Good mold release, nucleated, contains antistat, excellent rigidity and hardness

Applications
Suggested uses include housewares, caps and closures, fast-cycle injection molding

General			
Material Status	• Commercial: Active		
Availability	• North America		
Additive	• Antistatic	• Nucleating Agent	
Features	• Antistatic • Fast Molding Cycle	• Good Hardness • Good Mold Release	• Good Rigidity • Nucleated
Uses	• Caps	• Closures	• Household Goods
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Injection Molding		

ASTM & ISO Properties [1]

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [2] (Yield)	38.6	MPa	ASTM D638
Tensile Elongation [2] (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant [3]	1760	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	104		ASTM D785
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	125	°C	

Notes

[1] Typical properties: these are not to be construed as specifications.

[2] 51 mm/min

[3] 1.3 mm/min