

Braskem PP 5E16S

Polypropylene Homopolymer

Braskem America Inc.

Message:

- Sub-group
- Homopolymer
- Description
- Good processability, contains antistatic additive
- Applications
- Suggested uses include caps and closures, thin-wall containers and serveware applications

General Information			
Additive	Antistatic		
Features	Good Processability		
	Homopolymer		
Uses	Caps		
	Closures		
	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)	40	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	31.7	MPa	ASTM D638
Tensile Elongation ² (Yield)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1350	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256A
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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