

Braskem PP D130C

Polypropylene Homopolymer

Braskem America Inc.

Message:

- Sub-group
- Homopolymer
- Description
- High Bulk
- Applications
- Suggested Uses Include Fine Denier Staple Fiber, High Speed Fiber Spinning

General Information			
Features	Food Contact Acceptable		
	Homopolymer		
Uses	Fibers		
	Hi-speed Slit-film Fibers		
	Staple Fibers		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	37.2	MPa	ASTM D638
Tensile Elongation ² (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1520	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256A
Additional Information	Nominal Value	Unit	Test Method
Elongation of Fibers ⁴	45	%	ASTM D2256
Takeup Roll Speed	41.7	m/sec	Internal Method
Tenacity of Fibers ⁵	3.10	g/denier	ASTM D2256
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

4.

3.3 draw ratio, 1,250 m/min roll
speed, 225°C spin temperature,
D1000/68

5.

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speed, 225°C spin temperature,
D1000/68

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