

Braskem PP CP360H

Polypropylene Homopolymer

Braskem America Inc.

Message:

- Sub-group
- Homopolymer
- Description
- Narrow MWD, Low Smoke / Condensate
- Applications
- Suggested Uses Include Fine Denier Spunbond Nonwovens, High-Speed Spinning - Continuous Filament Yarn

General Information			
Features	Food Contact Acceptable		
	Homopolymer		
	Low Smoke Emission		
	Narrow Molecular Weight Distribution		
Uses	BCF Yarn		
	Filaments		
	Nonwovens		
	Spunbond Nonwovens		
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)	34	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	101		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	32.4	MPa	ASTM D638
Tensile Elongation ² (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant ³	1170	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	J/m	ASTM D256A
Additional Information	Nominal Value	Unit	Test Method
Elongation of Fibers ⁴	120	%	ASTM D2256
Takeup Roll Speed	66.7	m/sec	Internal Method
Tenacity of Fibers ⁵	2.30	g/denier	ASTM D2256
NOTE			
1.	51 mm/min		

2.	51 mm/min
3.	1.3 mm/min
4.	3.3 draw ratio, 1250 m/min roll speed, 225°C spin temp, D1000/68
5.	3.3 draw ratio, 1250 m/min roll speed, 225°C spin temp, D1000/68

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