



# Braskem PP CP250H

Braskem America Inc. - Polypropylene Homopolymer

Wednesday, October 9, 2019

## General Information

### Product Description

Narrow MWD, low smoke / condensate

### Applications

Suggested uses include spunbond nonwovens, high-speed fiber spinning - continuous filament yarns, staple fiber

### General

Material Status	• Commercial: Active
Availability	• North America
Features	• Low Smoke Emission • Narrow Molecular Weight Distribution
Uses	• Fibers • Spunbond Nonwovens • Yarn • Nonwovens • Staple Fibers
Agency Ratings	• FDA 21 CFR 177.1520
Processing Method	• Fiber (Spinning) Extrusion

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	32.4	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	11	%	ASTM D638
Additional Information	Nominal Value	Unit	Test Method
Elongation of Fibers <sup>3</sup>	120	%	ASTM D2256
Suggested Takeup Roll Speed	66.7	m/sec	Internal Method
Tenacity of Fibers <sup>3</sup>	2.30	g/denier	ASTM D2256

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 51 mm/min

<sup>3</sup> 3.3 draw ratio, 1250 m/min roll speed, 225°C spin temperature



UL and the UL logo are trademarks of UL LLC © 2019. All Rights Reserved.

The information presented here was acquired by UL from the producer of the product or material or original information provider. However, UL assumes no responsibility or liability for the accuracy of the information contained on this website and strongly encourages that upon final product or material selection information is validated with the manufacturer. This website provides links to other websites owned by third parties. The content of such third party sites is not under our control, and we cannot and will not take responsibility for the information or content.

