

Braskem PP CP250H

Polypropylene Homopolymer

Braskem America Inc.

Message:

Description

Narrow MWD, Low Smoke / Condensate

Applications

Suggested Uses Include Spunbond Nonwovens, High-Speed Fiber Spinning - Continuous Filament Yarns, Staple Fiber

General Information	
Features	Homopolymer Low Smoke Emission Narrow Molecular Weight Distribution
Uses	Spun Bonding Yarn
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Filament Winding Spunbond Nonwovens

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 ¹ (Yield)	32.4	MPa	ASTM D638
Tensile Elongation ² (Yield)	11	%	ASTM D638
Additional Information	Nominal Value	Unit	Test Method
Elongation of Fibers ³	120	%	ASTM D2256
Takeup Roll Speed	66.7	m/sec	Internal Method
Tenacity of Fibers ⁴	2.30	g/denier	ASTM D2256

NOTE	
1.	51 mm/min
2.	51 mm/min
3.	3.3 draw ratio, 1,250 m/min roll speed, 225Å°C spin temperature, D1000/68
4.	3.3 draw ratio, 1,250 m/min roll speed, 225Å°C spin temperature, D1000/68

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