



Braskem PP CP350WV

Braskem America Inc. - Polypropylene Homopolymer

Wednesday, October 9, 2019

General Information

Product Description

Narrow molecular weight distribution, nucleated, good mold release

Applications

Suggested uses include fast cycle injection molding, large-part injection molding, consumer goods, home care, laundry care, disposable drinkware

General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Nucleating Agent
Features	• Fast Molding Cycle • Good Mold Release • Homopolymer • Narrow Molecular Weight Distribution • Nucleated
Uses	• Consumer Applications • Disposable Drinkware • Household Goods
Agency Ratings	• FDA 21 CFR 177.1520
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	37.9	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1660	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256A
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106		ASTM D785

Notes

¹ Typical properties: these are not to be construed as specifications.

² 51 mm/min

³ 1.3 mm/min



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