



Braskem PP FP450WV

Braskem America Inc. - Polypropylene Homopolymer

General Information

Product Description

Excellent processability, nucleated

Applications

Suggested uses include fast-cycle injection molding and compounding

General

Additive	• Nucleating Agent		
Features	• Fast Molding Cycle	• Good Processability	• Nucleated
Uses	• Compounding		
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)	45	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	37.9	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.3	%	ASTM D638
Flexural Modulus - 1% Secant ³	1650	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	16	J/m	ASTM D256A
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	111	°C	ASTM D648

