



Braskem PP H521

Braskem America Inc. - Polypropylene Homopolymer

Wednesday, October 9, 2019

General Information

Product Description

Injection molding, general purpose, low water carryover

Applications

Suggested uses include tape, slit-film fibers, containers, closures, housewares

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• General Purpose	• Low Water Carryover	
Uses	• Closures • Containers • Fibers	• General Purpose • Hi-speed Slit-film Fibers • Household Goods	• Slit-Film Fiber • Tape
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)	3.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	37.2	MPa	ASTM D638
Tensile Elongation ² (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant ³	1650	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Additional Information	Nominal Value	Unit	Test Method
Elongation of Fibers ⁴	36	%	ASTM D2256
Tenacity of Fibers ⁴	4.50	g/denier	ASTM D2256

Notes

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

² 51 mm/min

³ 1.3 mm/min

⁴ 3.3 draw ratio, 1250 m/min roll speed, 225°C spin temperature

