

## Braskem America Inc. - Polypropylene Homopolymer

Wednesday, October 9, 2019

## **General Information**

## **Product Description**

General purpose

**Applications** 

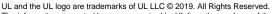
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General				
Material Status	Commercial: Active			
Availability	<ul> <li>North America</li> </ul>			
Features	<ul> <li>General Purpose</li> </ul>			
Uses	<ul> <li>BCF Multifilaments</li> </ul>	General Purpose		
	<ul> <li>Fibers</li> </ul>	Staple Fibers		
Agency Ratings	• FDA 21 CFR 177.1520			

ASTM & ISO Properties 1				
Physical	Nominal Value	Unit	Test Method	
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength <sup>2</sup> (Yield)	37.2	MPa	ASTM D638	
Tensile Elongation <sup>2</sup> (Yield)	9.0	%	ASTM D638	
Flexural Modulus - 1% Secant <sup>3</sup>	1590	MPa	ASTM D790A	
Impact	Nominal Value	Unit	Test Method	
Notched Izod Impact (23°C)	32	J/m	ASTM D256A	
Hardness	Nominal Value	Unit	Test Method	
Rockwell Hardness (R-Scale)	106		ASTM D785	

## Notes





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

<sup>&</sup>lt;sup>2</sup> 51 mm/min

<sup>&</sup>lt;sup>3</sup> 1.3 mm/min