

# Braskem America Inc. - Polypropylene Homopolymer

Wednesday, October 9, 2019

## **General Information**

#### **Product Description**

Antistatic, nucleated, good mold release

### **Applications**

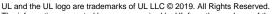
Suggested uses include cosmetic packaging, disposable cutlery, closures, overcaps

General			
Material Status	Commercial: Active		
Availability	North America		
Additive	Antistatic	<ul> <li>Nucleating Agent</li> </ul>	
Features	Antistatic	<ul> <li>Good Mold Release</li> </ul>	<ul> <li>Nucleated</li> </ul>
Uses	Closures	Cosmetic Packaging	Packaging
Agency Ratings	• FDA 21 CFR 177.1520		

ASTM & ISO Properties <sup>1</sup>				
Physical	Nominal Value	Unit	Test Method	
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238	
Mechanical	Nominal Value	Unit	Test Method	
Tensile Strength <sup>2</sup> (Yield)	38.6	MPa	ASTM D638	
Tensile Elongation <sup>2</sup> (Yield)	8.0	%	ASTM D638	
Flexural Modulus - 1% Secant <sup>3</sup>	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)	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