



# Braskem PP TI4150WR

Braskem America Inc. - Polypropylene Impact Copolymer

Sunday, September 15, 2019

## General Information

### Product Description

Very good mold release, very high flexural modulus

#### Applications

Suggested uses include closures, housewares

### General

Material Status	• Commercial: Active
Availability	• North America
Features	• Good Mold Release      • High Stiffness
Uses	• Closures      • Household Goods
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)	15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	31.7	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	1520	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256A
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785

### Notes

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

<sup>2</sup> 51 mm/min

<sup>3</sup> 1.3 mm/min