

Braskem PP TI4450M

Braskem America Inc. - Polypropylene Impact Copolymer

Friday, September 20, 2019

General Information

Product Description

Very high flexural modulus, high melt flow

Applications

Suggested uses include compounding, automotive interior trim, intricately designed parts, thin-walled parts

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• High Flow	• High Stiffness	• Impact Copolymer
Uses	• Automotive Applications • Automotive Interior Trim	• Compounding • Thin-walled Packaging	
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)	45	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	27.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1410	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256A

Notes

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

² 51 mm/min

³ 1.3 mm/min