

Braskem PP TI4450M

Polypropylene Impact Copolymer

Braskem America Inc.

Message:

- Sub-group
- Impact Copolymer
- Description
- Very high flexural modulus, high melt flow
- Applications
- Suggested uses include compounding, automotive interior trim, intricately designed parts, thin-walled parts

General Information			
Features	Food Contact Acceptable		
	High Flow		
	Impact Copolymer		
Uses	Automotive Interior Trim		
	Compounding		
	Thin-walled Parts		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	45	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	31.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant ³ (Injection Molded)	1410	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	69	J/m	ASTM D256A
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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