

# Braskem PP TI4040WT

Polypropylene Impact Copolymer

Braskem America Inc.

Message:

Sub-group  
Impact Copolymer  
Description  
Superior drop impact at refrigeration temperature, very high flexural modulus, nucleated, good mold release  
Applications  
Suggested uses include thermoforming, food packaging, dairy containers

General Information	
Additive	Nucleating Agent
Features	Food Contact Acceptable
	Good Mold Release
	Impact Copolymer
	Low Temperature Impact Resistance
	Nucleated
Uses	Food Containers
	Food Packaging
	Thermoformed Containers
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Injection Molding
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	30.3	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	1410	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	J/m	ASTM D256A
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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