



Braskem PP TI4040WT

Braskem America Inc. - Polypropylene Impact Copolymer

Sunday, September 15, 2019

General Information

Product 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

Material Status	• Commercial: Active		
Availability	• North America		
Additive	• Nucleating Agent		
Features	• Good Mold Release • High Stiffness	• Low Temperature Impact Resistance • Nucleated	
Uses	• Containers	• Food Packaging	• Packaging
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Thermoforming		

ASTM & ISO Properties ¹

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 ² (Yield)	30.3	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1410	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	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