

Braskem PP TI4360P3

Braskem America Inc. - Polypropylene Impact Copolymer

Friday, September 20, 2019

General Information

Product Description

Good balance of stiffness and impact strength, excellent organoleptic properties

Applications

Suggested uses include compounding, thin-walled injection molding

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Excellent Organoleptic Properties	• Good Impact Resistance	• Good Stiffness
Uses	• Compounding	• Thin-walled Parts	
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	25.5	MPa	ASTM D638
Tensile Elongation ² (Yield)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1450	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256A
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	93		ASTM D785

Notes

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

² 51 mm/min

³ 1.3 mm/min