

Braskem PP TI4350P

Polypropylene Impact Copolymer

Braskem America Inc.

Message:

Sub-group

Impact Copolymer

Description

Good balance of stiffness and impact strength, excellent organoleptic properties, high melt flow

Applications

Suggested uses include compounding, thin-walled injection molding

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	Good Organoleptic Properties		
	Good Stiffness		
	High Flow		
	Impact Copolymer		
Uses	Compounding		
	Thin-walled Parts		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	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)	27.6	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant ³ (Injection Molded)	1380	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	75	J/m	ASTM D256A
NOTE			

1.	51 mm/min
2.	51 mm/min
3.	1.3 mm/min

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