

Braskem PP TI4005P2

Polypropylene Impact Copolymer

Braskem America Inc.

Message:

Sub-group

Impact Copolymer

Description

Extra high Izod impact, very high flexural modulus, good low temperature drop impact, nucleated

Applications

Suggested uses include compounding, thermoforming, automotive applications

General Information			
Additive	Nucleating Agent		
Features	Food Contact Acceptable		
	High Impact Resistance		
	Impact Copolymer		
	Low Temperature Impact Resistance		
	Nucleated		
Uses	Automotive Applications		
	Compounding		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Compounding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	78		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant ²	1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Instrumented Dart Impact (-29°C)	49.0	J	ASTM D3763
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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