

Braskem PP TI4003F

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
Applications
Suggested Uses Include Blow Molding, Extrusion, Profiles, Pipe

General Information			
Features	Food Contact Acceptable		
	High Impact Resistance		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Blow Molding Applications		
	Piping		
	Profiles		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Blow Molding		
	Pipe Extrusion		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.30	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 ² (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant ³	1450	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Instrumented Dart Impact (-29°C)	48.8	J	ASTM D3763
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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