

Braskem PP TI4007G

Polypropylene Impact Copolymer

Braskem America Inc.

Message:

Sub-group:
Impact copolymer
Description:
Extra high izod impact, superior low temperature drop impact.
Applications:
Suggested uses include profiles, tubing, squeeze bottles.
UL temperature index of 100°C.
Process:
Injection Molding

General Information			
Features	Food Contact Acceptable		
	High Impact Resistance		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Profiles		
	Squeeze Bottles		
	Tubing		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.70	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)	13	%	ASTM D638
Flexural Modulus - 1% Secant ³	1210	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Instrumented Dart Impact (-29°C)	29.8	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
RTI Elec	100	°C	UL 746

RTI Imp	100	°C	UL 746
RTI Str	100	°C	UL 746
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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