

Braskem PP TI4015F

Polypropylene Impact Copolymer

Braskem America Inc.

Message:

Sub-group:
Impact copolymer Polypropylene
Description:
Superior balance of stiffness and impact strength.
Applications:
Suggested uses include extrusion applications requiring good impact strength.
Process:
Extrusion.

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	Good Stiffness		
	Impact Copolymer		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	26.2	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	17	%	ASTM D638
Flexural Modulus - 1% Secant ³ (Injection Molded)	1210	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	No Break		ASTM D256A
Gardner Impact (-29°C, Injection Molded)	28.5	J	ASTM D5420
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

