

Braskem PP TI6120AN

Polypropylene Impact Copolymer

Braskem America Inc.

Message:

Excellent balance of toughness and stiffness, unique dimensional stability and excellent flow properties

Applications

Suggested uses include compounding, injection molding, automotive applications, consumer products, industrial

General Information			
Features	Good dimensional stability		
	Rigid, good		
	Good liquidity		
	Good toughness		
Uses	Composite		
	Industrial application		
	Application in Automobile Field		
	Consumer goods application field		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	22.1	MPa	ASTM D638
Tensile Elongation ² (Yield)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1170	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	210	J/m	ASTM D256A
Instrumented Dart Impact (-29°C)	47.5	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	83.9	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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