



Braskem PP TI6120Q4

Braskem America Inc. - Polypropylene Impact Copolymer

Sunday, September 15, 2019

General Information

Product Description

Extra high izod impact, superior low temperature drop impact, good paint adhesion

Applications

Suggested uses include compounding, automotive, injection molding

General

Material Status	• Commercial: Active
Availability	• North America
Features	• High Impact Resistance • Low Temperature Impact Resistance • Paintable
Uses	• Automotive Applications • Compounding
Agency Ratings	• FDA 21 CFR 177.1520
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	19.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	793	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Instrumented Dart Impact (-29°C)	47.5	J	ASTM D3763

Notes

¹ Typical properties: these are not to be construed as specifications.

² 51 mm/min

³ 1.3 mm/min