

Braskem PP F006EC2

Braskem America Inc. - Polypropylene Homopolymer

Wednesday, October 9, 2019

General Information

Product Description

Enhanced long term heat aging

Applications

Suggested uses include compounding, blow molding, profiles, flat sheet, corrugated sheet, pressed slabs, pressurized radiator surge tanks

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Heat Aging Resistant		
Uses	• Blow Molding Applications • Compounding • Corrugated Sheet	• Pressed Slabs • Profiles • Sheet	• Tanks
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Blow Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	33.8	MPa	ASTM D638
Tensile Elongation ² (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant ³	1380	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256A

Notes

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

² 51 mm/min

³ 1.3 mm/min

