



Braskem PP D180A2

Braskem America Inc. - Polypropylene Homopolymer

General Information			
Product Description			
Excellent melt stability			
Applications			
Suggested uses include BCF mult-filaments, high tenacity continuous filament yarn, fine denier staple fibers			
General			
Features	• High Melt Stability		
Uses	• BCF Multifilaments • Fibers	• Filaments • Staple Fibers	• Yarn
Agency Ratings	• FDA 21 CFR 177.1520		
ASTM & ISO Properties ¹			
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	35.2	MPa	ASTM D638
Tensile Elongation ² (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1520	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	104		ASTM D785
Additional Information	Nominal Value	Unit	Test Method
Elongation of Fibers ⁴	93	%	ASTM D2256
Suggested Takeup Roll Speed	33.3	m/sec	Internal Method
Tenacity of Fibers ⁴	2.90	g/denier	ASTM D2256

