Braskem PP 6D20

Polypropylene Random Copolymer

Braskem America Inc.

Message:

Braskem 6D20 Polypropylene Resin is intended for use in film and extrusion blow molding processes. It is especially suited for multilayered, barrier bottles. Main Characteristics: Consistent processability Good regrind stability Good gloss and clarity Low odor and taste transfer Complies with: European Commission Regulation (EU) No 10/2011 U.S. FDA FCN 909

Consult the regulations for complete details.

General Information			
Agency Ratings	EU No 10/2011		
	FDA FCN 909		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16			
kg)	1.9	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	26.9	MPa	ASTM D638
Tensile Elongation ² (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant ³	1020	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ⁴			ASTM D256A
-20°C	64	J/m	
23°C	59	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load ⁵ (0.45			
MPa, Unannealed)	83.9	°C	ASTM D648
Melting Temperature (DSC)	148	°C	ASTM D3417
NOTE			
	Testing performed on ASTM D 638 Type I specimen, molded and tested in accordance with ASTM D		
	4101. Properties will vary with		
1.	changes in molding conditions and aging time.		

2.	Testing performed on ASTM D 638 Type I specimen, molded and tested in accordance with ASTM D 4101. Properties will vary with changes in molding conditions and aging time.
3.	Testing performed on ASTM D 638 Type I specimen, molded and tested in accordance with ASTM D 4101. Properties will vary with changes in molding conditions and aging time.
4.	Testing performed on ASTM D 638 Type I specimen, molded and tested in accordance with ASTM D 4101. Properties will vary with changes in molding conditions and aging time.
5.	Testing performed on ASTM D 638 Type I specimen, molded and tested in accordance with ASTM D 4101. Properties will vary with changes in molding conditions and aging time.

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