

Braskem PP JE 6190

Polypropylene Homopolymer

Braskem

Message:

JE 6190 is a low fluidity homopolymer. It is formulated with nucleating and slip agents.

Applications:

Extrusion-Compression Molding of caps for soft drink and water bottles.

Processing:

Compression Molding

General Information			
Additive	Nucleating Agent		
	Slip		
Features	Homopolymer		
	Low Flow		
	Nucleated		
	Slip		
Uses	Bottles		
	Caps		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Compression Molding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.905	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.1	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
R-Scale, Injection Molded	95		ASTM D785
R-Scale	95		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	37.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Yield, Injection Molded)	9.0	%	ASTM D638, ISO 527-2
Flexural Modulus			
1% Secant : Injection Molded	1600	MPa	ASTM D790
Injection Molded	1650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact			
23°C, Injection Molded	40	J/m	ASTM D256
23°C, Injection Molded	2.6	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, Injection Molded	108	°C	ASTM D648
0.45 MPa, Unannealed	95.0	°C	ISO 75-2/B

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

