

Premier PI200

Polypropylene Impact Copolymer

Premier Polymers, LLC.

Message:

Premier PI200 is a impact strength copolymer resin suitable for injection molding applications with good clarity. Meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	High Clarity		
	Impact Copolymer		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	22.1	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant			
-- ³	965	MPa	ASTM D790A
-- ⁴	1100	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		
4.	13 mm/min		

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