

# SureSpec IP-200N

Polypropylene Impact Copolymer

Genesis Polymers

## Message:

IP-200N is a Nucleated, certified prime grade for injection molding applications needing Medium Impact Performance. IP-200N applications include storage containers, bins and crates. IP-200N complies with FDA regulation 21CFR 177.1520(c) 3.2a, conditions of use B-H (per 21 CFR 176.170(c)).

General Information			
Additive	Nucleating Agent		
Features	Food Contact Acceptable		
	Impact Copolymer		
	Medium Impact Resistance		
	Nucleated		
Uses	Containers		
	Crates		
Agency Ratings	FDA 21 CFR 176.170(c) 2		
	FDA 21 CFR 177.1520(c) 3.2a		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	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 <sup>1</sup> (Yield)	26.2	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	130	J/m	ASTM D256
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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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

