

Pinnacle PP 1335C3

Polypropylene Homopolymer

Pinnacle Polymers

Message:

35 MELT FLOW CLARIFIED HOMOPOLYMER

Pinnacle Polymers Polypropylene 1335C3 is made via UNIPOL™ PP technology, which utilizes gas-phase fluidized bed reactors with a high activity catalyst system to ensure uniform physical properties and lot-to-lot consistency.

This product is intended for injection molding applications requiring good see-through clarity. Contains new technology clarifier for superior clarity.

The 1335C3 product provides:

- Superior clarity
- Good melt strength and stretchability
- Superior color and processing stability
- Excellent cleanliness

Pinnacle's 1335C3 polypropylene, as marketed by Pinnacle Polymers Company, in natural, uncolored pellet form complies with appropriate requirements of CFR Title 21, Part 177, Subpart B, Section 177.1520 (c) 1.1a entitled "Olefin Polymers" of the Food Additives Amendment of 1958 to the United States Food, Drug and Cosmetic Act of 1938.

General Information			
Additive	Clarifier		
Features	Clean/High Purity		
	Food Contact Acceptable		
	Good Color Stability		
	Good Melt Strength		
	Good Processing Stability		
	Good Stretchability		
	High Clarity		
	Homopolymer		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1a		
Forms	Pellets		
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)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.20 mm, Injection Molded)	39.0	MPa	ASTM D638
Tensile Elongation ² (Yield, 3.20 mm, Injection Molded)	14	%	ASTM D638
Flexural Modulus - 1% Secant ³ (3.20 mm, Injection Molded)	1880	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ⁴ (23°C, 3.20 mm, Injection Molded)	32	J/m	ASTM D256

Notched Izod Impact (Area) ⁵ (23°C, 3.20 mm, Injection Molded)	3.10	kJ/m ²	ASTM D256
Optical	Nominal Value	Unit	
Haze (1270 μm)	25	%	
NOTE			
1.	Type I, 51 mm/min		
2.	Type I, 51 mm/min		
3.	Type I, 1.3 mm/min		
4.	Type I		
5.	Type I		

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Recommended distributors for this material

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

