

Chemical Resources PP 1800NW

Polypropylene Homopolymer

Chemical Resources, Inc.

Message:

An antistated, controlled rheology polypropylene homopolymer produced using catalyst technology. PP2000 is designed for injection molding applications that require improved impact. This material meets the Food and Drug Administration requirements of 21 CFR 177.1520.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Controlled Rheology		
	Food Contact Acceptable		
	Homopolymer		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	30.3	MPa	
Break	25.5	MPa	
Tensile Elongation			ASTM D638
Yield	15	%	
Break	500	%	
Flexural Modulus - Tangent	1650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21	J/m	ASTM D256
Impact Strength - TUP	9.04	J	

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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



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