Chemical Resources PP 2000NW

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 Impact Modifier		
Features	Antistatic Controlled Rheology Food Contact Acceptable Homopolymer Impact Modified		
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)	20	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	

Recommended distributors for this material

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