

# Chemical Resources PP 3000

Polypropylene Homopolymer

Chemical Resources, Inc.

Message:

A controlled rheology polypropylene homopolymer produced using Ziegler-Natta catalyst technology. This material meets the Food and Drug Administration requirements of 21 CFR 177.1520.

General Information			
Features	Controlled Rheology		
	Food Contact Acceptable		
	Homopolymer		
Agency Ratings		FDA 21 CFR 177.1520	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1170	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	34.5	MPa	
Break	19.7	MPa	
Tensile Elongation			ASTM D638
Yield	20	%	
Break	480	%	
Flexural Modulus - Tangent	1380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21	J/m	ASTM D256
Impact Strength - TUP	7.12	J	

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Recommended distributors for this material

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