

Chemical Resources PP 3000 REP

Polypropylene Homopolymer

Chemical Resources, Inc.

Message:

A polypropylene homopolymer produced using metallocene catalyst technology.

Provides lower extractables and better clarity than conventional homopolymers.

This product is in pellet form.

General Information			
Features	High Clarity		
	Homopolymer		
	Low Extractables		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	34	g/10 min	ASTM D1238
Molecular Weight Distribution	1.80	Mw/Mn	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	31.7	MPa	ASTM D638
Tensile Elongation ² (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1250	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	93.9	°C	ASTM D648
Melting Temperature	149	°C	DSC
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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Recommended distributors for this material

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