

Pro-Comp™ PPHGF10-E

Polypropylene Homopolymer

Southland Polymers

Message:

Procomp glass filled homopolymer grades of polypropylene are formulated to provide exceptional stiffness and strength. These compounds provide high heat deflection characteristics as well as improved resistance to hydrolysis.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	High Heat Resistance		
	High Stiffness		
	High Strength		
	Homopolymer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.978	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	46.5	MPa	ASTM D638
Tensile Elongation (Break)	7.0	%	ASTM D638
Flexural Modulus	1930	MPa	ASTM D790
Flexural Strength	55.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	143	°C	
1.8 MPa, Unannealed	93.3	°C	

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Recommended distributors for this material

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