

Aaroprene® GFIPP 2020

Polypropylene

Aaron Industries Corp.

Message:

Aaroprene® GFIPP 2020 is a Polypropylene material filled with 20% glass fiber. It is available in North America. Primary attribute of Aaroprene® GFIPP 2020: Impact Resistant.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	High Impact Resistance		
Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0 to 12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	46.9	MPa	ASTM D638
Flexural Modulus	2480	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	156	°C	ASTM D648

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Recommended distributors for this material

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