

Michilene F8200GC20-01

Polypropylene Copolymer

API Polymers, Inc.

Message:

Michilene F8200GC20-01 is a polypropylene copolymer (PP Copoly) product, which contains a 20% glass fiber reinforced material. It is available in North America.

Features include:

Copolymer

Chemical coupling

General Information	
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight
Features	Copolymer
	Chemical coupling

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)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	44.8	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus - Tangent	3030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	146	°C	ASTM D648
1.8 MPa, not annealed	127	°C	ASTM D648

Additional Information

Drying Generally Not Necessary.

Injection	Nominal Value	Unit
Drying Temperature	82.2	°C
Drying Time	3.0	hr
Suggested Max Moisture	0.20	%
Rear Temperature	221	°C
Middle Temperature	221	°C
Front Temperature	224	°C
Nozzle Temperature	227	°C
Processing (Melt) Temp	227	°C
Mold Temperature	37.8	°C

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Recommended distributors for this material

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