



**MEGA RECYCLING**  
AND COMPOUNDING SERVICES LLC.

Product Data Sheet



**Mega Polymers**

THERMOPLASTIC COMPOUNDING TECHNOLOGY

**Megalene® CPP-1220GF Polypropylene**

Injection grade, copolymer polypropylene, 20% glass reinforced for additional stiffness and strength characteristics.

**TYPICAL PROPERTIES:**

PROPERTY	ASTM TEST METHOD	ENGLISH		S.I.	
		UNITS	VALUES	UNITS	VALUES
Specific Gravity	D792	---	1.04	---	1.04
Melt Flow Rate (MFR) 230-C/2.16 kg	D1238	g/10-min	10	---	10
Heat Deflection Temperature 264 psi (1.82 MPa) 66 psi (455 kPa)	D648	°F °F	265 300	°C °C	130 152
Ignition Resistance * (Flammability)	UL94		HB @ 1/16"		HB @ 1.5 mm
Mold Shrinkage Guideline (Flow Direction)	1/8" Section	%	.2 to .5	in/in	0.002 to .005
Tensile Strength at Yield	D638	psi	8,900	MPa	68.26
Elongation at Break	D638	%	5	%	5
Flexural Strength	D790	psi	13,700	MPa	90.3
Flexural Modulus (tangent)	D790	psi	.5 X 10 <sup>-6</sup>	MPa	3,758
Izod Impact Strength (Notched, 1/8" specimen)	D256	ft-lb/in	2.5	J/m	135

Mechanical Properties measured at 73° F  
Contact Mega Polymers Inc. for MSDS, general processing guidelines and/or additional information.

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