



MEGA RECYCLING
AND COMPOUNDING SERVICES LLC.

Product Data Sheet

MegaRe® CPP-1030GF Polypropylene

Injection grade, copolymer polypropylene, 30% glass reinforced fiber, chemically coupled.

TYPICAL PROPERTIES:

PROPERTY	ASTM TEST METHOD	ENGLISH		S.I.	
		UNITS	VALUES	UNITS	VALUES
Specific Gravity	D792	---	1.12	---	1.12
Melt Flow Rate (MFR) 230-C/2.16 kg	D1238	g/10-min	3	g/10-min	3
Heat Deflection Temperature 264 psi (1.82 MPa) 66 psi (455 kPa) Ignition Resistance * (Flammability)	D648 UL94	°F °F	285 315 HB @ 1/16"	°C °C	141 157 HB @ 1.5 mm
Mold Shrinkage Guideline (Flow Direction)	1/8" Section	in/in	.001 to .004	%	0.10 to 0.40
Tensile Strength at Yield	D638	psi	10,900	MPa	75
Elongation at Break	D638	%	5	%	5
Flexural Strength	D790	psi	16,000	MPa	110
Flexural Modulus	D790	psi	725,000	MPa	5,000
Izod Impact (Notched, 1/8" specimen)	D256	ft-lb/in	2.0	J/m	110

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

Mega Recycling & Compounding Services LLC ~ Romeoville, IL
Phone (815)-230-0099
www.megarecyclingllc.com

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