



MEGA RECYCLING
AND COMPOUNDING SERVICES LLC.

Product Data Sheet

MegaRe® CPP1000 Recycled Polypropylene

Injection grade, copolymer, Polypropylene
TYPICAL PROPERTIES

PROPERTY	ASTM TEST METHOD	ENGLISH		S.I.	
		UNITS	VALUES	UNIT S	VALUES
Specific Gravity	D792	---	0.91	---	0.91
Melt Flow Rate (MFR) 230-C/2.16 kg	D1238	g/10-min	10-to-20	---	10-to-20
Heat Deflection Temperature 264 psi (1.82 MPa) 66 psi (455 kPa)	D648	°F	190	°C	88
Ignition Resistance * (Flammability)	UL94	°F	210	°C	98
			HB @ 1/16"		HB @ 1.5 mm
Mold Shrinkage Guideline (Flow Direction)	1/8" Section	%	1-to-2	In/in	0.010-to-.019
Tensile Strength at Yield	D638	psi	3,800	MPa	35
Elongation at Break	D638	%	> 10%	%	> 10%
Flexural Strength	D790	psi	4,200	MPa	54
Flexural Modulus	D790	psi	.17 X 10-6	MPa	1,950
Izod Impact Strength (Notched, 1/8" specimen)	D256	ft-lb/in	2	J/m	48

Mechanical Properties measured at 23° C
Contact Mega Recycling for MSDS, general processing guidelines and/or additional information .

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