



MEGA RECYCLING
AND COMPOUNDING SERVICES LLC.

Product Data Sheet

MegaRe® LDPE1000

Injection grade, low density, polyethylene

TYPICAL PROPERTIES

PROPERTY	ASTM TEST METHOD	ENGLISH		S.I.	
		UNITS	VALUES	UNIT S	VALUES
Specific Gravity	D792	---	0.921	---	0.921
Melt Flow Rate (MFR) 230-C/2.16 kg	D1238	g/10-min	15	---	15
Heat Deflection Temperature 66 psi (455 kPa) Ignition Resistance * (Flammability)	D648 UL94	°F	105 HB @ 1/16"	°C	39 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	1,400	MPa	10
Elongation at Break	D638	%	> 90%	%	> 90%
Flexural Modulus (2% secant)	D790	psi	43,000	MPa	296
Vicat Softening Temp	ASTM D1525	F	203	C	95
Impact Strength	D1822	ft-lb/in-2	120	kJ/m2	252

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

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