



MEGA RECYCLING
AND COMPOUNDING SERVICES LLC.

Product Data Sheet

MegaRe® HDPE1000 black

Injection grade, high density polyethylene, reprocessed

TYPICAL PROPERTIES

PROPERTY	ASTM TEST METHOD	ENGLISH		S.I.	
		UNITS	VALUES	UNIT S	VALUES
Specific Gravity	D792		0.955		0.955
Melt Flow Rate (MFR) 230-C/2.16 kg	D1238	g/10-min	5-to-10	---	5-to-10
Heat Deflection Temperature 66 psi (455 kPa)	D648	°F	170	°C	75
Ignition Resistance * (Flammability)	UL94		HB @ 1/16"		HB @ 1.5 mm
Mold Shrinkage Guideline (Flow Direction)	1/8" Section	%	1.0-to- 1.90	In/in	0.010-to-.019
Tensile Strength at Yield	D638	psi	4,300	MPa	30
Elongation at Break	D638	%	600%	%	600%
Flexural Strength	D790	psi	5,200	MPa	54
Flexural Modulus	D790	psi	.20 X 10 ⁻⁶	MPa	1,350
Izod Impact Stength (Notched, 1/8" specimen)	ISO 180	ft-lb/in	.80-to-1.2	J/m-2	80

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

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