



**GeoCHEM**  
Incorporated

**PRODUCT INFORMATION • SPECIFICATION GUIDE** HDPE ALLOY - 10.5 Mil Cross Laminated

PHYSICAL PROPERTIES AND TYPICAL VALUES	PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
	Weight	D-2103	32 LB/1000 FT <sup>2</sup>	15.6 KG/100 M <sup>2</sup>
	Thickness	D-2103	10.5 MIL	.27 MM
	1" Load @ Yield	D-882	16 LBF	71 N
	1" Load @ Break	D-882	35 LBF	156 N
			3300 PSI	24.1 MPA
	1" Elongation @ Break	D-882	575 %	575 %
	Tongue Tear	D-2261	10.5 LBF	47 N
	Trapezoidal Tear	D-4533	18 LBF	80 N
	PPT Resistance	D-2582	32 LBF	142 N
	Dart Impact Strength	D-1709	2 LBS	.91 KG
	Cold Impact Strength	D-1790	-40°F	-40°C
	Permeability	E-96	.019 Grain/Hr•Ft <sup>2</sup> •in.Hg	.019 Grain/Hr•Ft <sup>2</sup> •in.Hg

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