



PRODUCT INFORMATION • SPECIFICATION GUIDE HDPE ALLOY - Reinforced 20 Mil Cross Laminated

PHYSICAL PROPERTIES AND TYPICAL VALUES	PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
	Weight	D-751	81 LB/1000 FT ²	39.5 KG/100 M ²
	Thickness	D-2103	20 MIL	0.50 MM
	3" Load @ Yield	D-882	165 LBF	734 N
	3" Load @ Break	D-882	170 LBF	756 N
			2800 PSI	19.3 MPA
	3" Elongation @ Break	D-882	525 %	525 %
	Tongue Tear	D-2261	35 LBF	156 N
	Trapezoidal Tear	D-4533	50 LBF	222 N
	PPT Resistance	D-2582	48 LBF	214 N
Dart Impact Strength	D-1709 (B)	2.5 LBS	1.14 KG	
Puncture Strength	D-4833	50 LBF	222 N	
Permeability	E-96	.0143 Grain/Hr•Ft ² •In.Hg		

- Cross-laminated polyethylene that resists punctures and tears.
- UV stabilized to withstand prolonged exposure to sunlight.
- Reinforced and not prone to environmental stress-cracking (ESC) so it can endure repeated thermal expansion & contraction cycles.

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