



PHYSICAL PROPERTIES AND TYPICAL VALUES	PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
	Weight	D-5261	117 LB/1000 FT ²	57.1 KG/100 M ²
	Thickness	D-5199	48 MIL	1.2 MM
	Load @ Yield	D-882	72 LBF	320 N
	Load @ Break	D-882	75 LBF	334 N
			1560 PSI	10.8 MPA
	Elongation @ Break	D-882	575 %	575 %
	Tongue Tear	D-5735	50 LBF	222 N
	Trapezoidal Tear	D-4533	94 LBF	418 N
	PPT Resistance	D-2582	75 LBF	334 N
	Dart Impact Strength	D-1709	8.0 LBS	3.6 KG
	Puncture Strength	D-4833	140 LBS	623 MPA
	Permeability	E-96	.0143 Grain/Hr•Ft ² •in.Hg	

FEATURES

- High density, cross-laminated polyethylene with a geotextile fabric reinforcement layer that resists punctures and tears.
- UV stabilized to withstand prolonged exposure to sunlight.
- Ply X-210 is not prone to environmental stress-cracking (ESC) so it can endure repeated thermal expansion & contraction cycles.
- Meets ASTM standard D-3083 Soil Burial test performance requirements.

The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, expressed or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.

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