

HDPE ALLOY 20 Mil Reinforced



PHYSICAL PROPERTIES AND TYPICAL VALUES	PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
	Weight	D-751	80.0 LB/1000 FT ²	39 KG/100 M ²
	Thickness	D-2103	20 MIL	0.50 MM
	3" Load @ Yield	D-882	145 LBF	645 N
	3" Load @ Break	D-882	160 LBF	712 N
			2600 PSI	17.9 MPA
	3" Elongation @ Break	D-882	500%	500%
	Tongue Tear	D-2261	36 LBF	160 N
	Trapezoidal Tear	D-4533	49 LBF	218 N
	PPT Resistance	D-2582	44 LBF	196 N
	Dart Impact Strength	D-1709 (B)	2.25 LBS	1.02 KG
	Puncture Strength	D-4833	348 LBS	213.5 MPA

FEATURES

- High density alloy, cross-laminated polyethylene that resists punctures and tears.
- UV stabilized to withstand prolonged exposure to sunlight.
- HDPE ALLOY Reinforced 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.