

Rock Line Geo Membrane (HDPE)

High Density Polythene

INTRODUCTION

Rockline Geo Membrane (HDPE) Sheet is a unique product which is manufactured from high quality and maximum density polyethylene HDPE resins. It contains 97.5% polymer and 2.5% carbon black. This product does not contain plasticizers or fillers that can migrate overtime.

ADVANTAGES

- > Excellent chemical resistance
- > Good barrier against water
- > Superior protection against diffusion chemicals
- > Weather resistance and good aging resistance
- > Environmental stress cracking resistance

USES

1. Roofs
2. Underground engineering
3. Mining
4. Sewerage
5. Foundations
6. Canals
7. Swimming pools and Ponds



TECHNICAL INFORMATION

No	Item	Unit	Technical Data						
1	Thickness	mm	0.50	0.75	1.00	1.25	1.50	1.75	2.00
2	Coarse Height	mm	0.25	0.25	0.25	0.25	0.25	0.25	0.25
3	Tensile Strength	N/mm	8	11	15	18	22	26	30
4	Breaking Strength	N/mm	6	8	10	13	16	19	21
5	Elongation At Break (TD/MD)±	%	12	12	12	12	12	12	12
6	Strength at Tear	N	75	93	160	190	250	300	330
7	Anti Puncture Strength±	N	125	200	270	335	400	550	600
8	Carbon Black Content	%	2.00 to 3.00						
9	UV-Resistances DT-Restoration after 1600 H UV Irradiation	%	50						
10	Thickness (Limit Deviation)	%	-10						



Note:- Roll length is according to client's requirement



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