

MIPATEX HDPE GEOMEMBRANE **MG-750**

MG-750 is manufactured by HDPE woven fabric laminating with LDPE using extrusion coating technology. Ideal for containment and retention applications such as pond liner and landfill covers. MIPATEX MG-750 has high tensile and tear strength, excellent heat seal property, flexibility, outstanding durability, stress cracking resistance, provide superior performance in all climatic conditions.

PROPERTY	METHOD OF TEST	REQUIRED VALUE (AS PER IS 15351:2015)	NOMINAL VALUE*
Thickness (mm), Min	IS : 7016 (Part 1)	0.75	0.76
Mass (g/m ²), Min	IS : 7016 (Part 1)	650	655
Carbon black contents (%)	IS : 2530	2.5 ± 0.5	2.5
Breaking load on 20 × 10 cm strip (N), Min before U.V exposure: a) Warpway b) Weftway	IS : 13162 (Part 5)	8200 7400	10000 9500
Strain at maximum load (%)	IS : 13162 (Part 5)	20 ± 5	20 ± 5
Impact failure load, at 1524 mm drop, Min (Gf), gram force at 50 % failure	Annex C	2875	3500
Tear resistance (N), Min	Method A1 of IS 7016 (Part 3)	300	325
Puncture resistance (N), Min	Annex D	725	900
Bursting strength (Ball burst) (N/cm ²), Min	IS : 7016 (Part 6)	135	210
Seam strength before UV exposure (N/mm), Min	IS : 15060	40	45
Hydrostatic resistance Min. before UV exposure (Kg/cm ²)	Annex B and Annex E	No through leakage at 20 kg/ cm ²	25
Ash content (%), Max	Annex F	1.00	≤ 1.00

*The test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications. The information contained herein is accurate and reliable to the best of our knowledge and provided for reference purposes only.



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