

SHOUMAN



PE Geomembrane 300micron

Property	Test Method	Unit	Value
Thickness			
minimum average	ASTM D 5199	mm	0.300
Lowest Individual		%	- 10
Density (min. avg.)	ASTM D 1505	g/cm ³	0.935- 0.940
Tensile Properties			
Strength at Yield	ASTM D - 6693	N/mm ²	8
Elongation at Yield		%	10
Strength at Break		N/mm ²	25
∅Elongation at Break		%	550
Tear Resistance (min. avg.)	ASTM D 1004	N	25
Puncture Resistance (min. avg.)	ASTM D 4833	N	40
Stress Crack Resistance	ASTM D 5397	hrs.	400
Carbon Black Content	ASTM D 4218	%	2.0 - 3.0
Oxidation Induction Time (OIT-Standard)	ASTM D 3895	Min.	100
Dimensional Stability	ASTM D 1204	%	± 2
UV Resistance - <i>% retained after 1600 hours</i>	GRI-GM 11		

Note:

The above information obtained from analysis performed in our labs and was based on reliable and standard laboratory testing procedures. The information contained herein is to be used only as guide for using our film. SHOUMAN does not offer any guarantee on the results and does not accept any liability arising out of the use of the information contained herein.

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