

Biotop Natural Pool Liner



Key Facts:

Property	Standard of test	Unit	1,20 mm
Nominal thickness	DIN 53 370	%	≤ ± 10
Density (black)	ISO 1183	g /cm ³	≤ 0 ,90
Melt flow index (230°C/2 ,16kg)	ISO 1133 Kond. M	g /10 m in	0,2 - 0 ,6
Dimensional stability after aging at elevated temperature (80°C/6h)	DIN 16 726	%	≤ 2
Tear-growth resistance	DIN EN ISO 34-1	N/mm	60
Multi axial tension test	OENORM S 2073	%	≥ 5 0
Tensile stress at yield I	ISO 527	N/mm	≥ 5
Breaking tension	ISO 527	N/mm	≥ 1 2
Elongation at break	ISO 527	%	≥ 300
Resistance to punctiform penetration (case study)	DIN 16 726	mm	≥ 300
Low-temperature impact strength	DIN 16 726	°C	-40
Absorption of water	ISO 62	%	≤ 1 ,0
Root resistance	OENORM S 2073		fulfilled
Resistance to micro organisms	OENORM S 2073		fulfilled
Resistance to rodents	OENORM S 2073		fulfilled
ESCR	ASTM D 1693	(h)	> 2000
Soot concentration	ISO 6964	%	≥ 2
Soot distribution	ISO 11420		A - 2