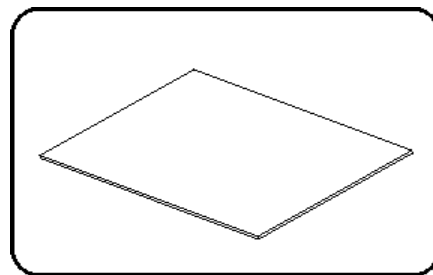


Liner G / G
smooth / smooth

width 5,0 / 7,0m

calandered

HDPE black



Code: 500 / 507

Properties	Test Method	Unit						
width	-	m	5,0/ 7,0	5,0/ 7,0	5,0/ 7,0	5,0/ 7,0	5,0/ 7,0	5,0/ 7,0
Nominal thickness	EN ISO 9863-1	mm	0,5	0,75	1,0	1,5	2,0	≥ 2,5
Thickness average	EN ISO 9863-1	%	±10	±10	±10	±10	±10	±10
Density	EN ISO 1183	kg/m ³	≥ 0,94	≥ 0,94	≥ 0,94	≥ 0,94	≥ 0,94	≥ 0,94
Melt Flow Rate (190/ 5)	EN ISO 1133	g/ 10 min	0,4 - 3,0	0,4 - 3,0	0,4 - 3,0	0,4 - 3,0	0,4 - 3,0	0,4 - 3,0
Dimension stability (100°C/1h)	EN 1107-2	%	≤ 2,0	≤ 2,0	≤ 2,0	≤ 2,0	≤ 2,0	≤ 1,0
Tear resistance	EN ISO 34-1	N/mm	≥ 130	≥ 130	≥ 130	≥ 130	≥ 130	≥ 130
mechanical properties:								
Tensile Stress at Yield	EN ISO 527	N/mm ²	≥ 16	≥ 16	≥ 16	≥ 16	≥ 16	≥ 16
Elongation at Yield		%	≥ 9	≥ 9	≥ 9	≥ 9	≥ 9	≥ 9
Elongation at Break		%	≥ 400	≥ 400	≥ 500	≥ 700	≥ 700	≥ 700
Low Temperature Brittleness	DIN 16 726	-20°C	no break	no break	no break	no break	no break	no break
water absorption	EN ISO 62	%	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1
root resistance	OENORM S 2073	-	fulfilled*	fulfilled*	fulfilled*	fulfilled*	fulfilled*	fulfilled*
resistance to microorganism	OENORM S 2073	-	fulfilled*	fulfilled*	fulfilled*	fulfilled*	fulfilled*	fulfilled*
rodent resistance	OENORM S 2073	-	fulfilled*	fulfilled*	fulfilled*	fulfilled*	fulfilled*	fulfilled*
ESCR - behaviour	ASTM D 5397	h	> 200	> 200	> 200	> 200	> 200	> 200
carbon black content	EN ISO 6964	%	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3
carbon black dispersion	ASTM D 5596-94	-	Cat. 1-2	Cat. 1-2	Cat. 1-2	Cat. 1-2	Cat. 1-2	Cat. 1-2

The data in this table are approximate values and based upon results of the internal inspection, data of raw material suppliers as well as tests in the course of approval procedures and external inspections. The results can differ slightly from the indicated mean values in longitudinal and transverse direction and due to different nominal thicknesses and raw materials. In any case requirements relating to a special project (tender documents) have to be agreed with AGRU. Independent of the indicated test standards, internal tests and data on test certificates are generally carried out in accordance with the appropriate test procedures according to ÖNORM/DIN /EN/ISO AGRU assumes no liability in connection with the use of this data. The specifications on this sheet are subject to change without notice.

* acc. OENORM S2073 liners made of polyolefins shall be considered resistant without proof being furnished