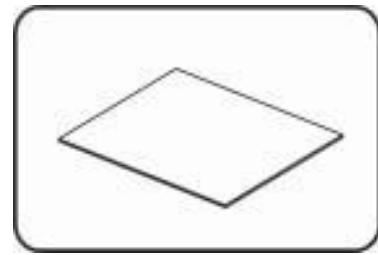


- **Liner G/G**  
surface smooth/smooth-5m  
calendered
- **Hot-wedge-welding**
- **Agruflex VLDPE black**


**Code 500**

Property	Standard		Unit	1,00mm	1,50mm	≥ 2,00mm
	DIN OEN EN ISO	ASTM				
Nominal Thickness	DIN 53 370		%	≤ ± 10	≤ ± 10	≤ ± 10
Density (black)	ISO 1183	D 792	g/cm <sup>3</sup>	≥ 0,90	≥ 0,90	≥ 0,90
MFR Melt Flow Rate (190°C/2,16kg)	ISO 1133 Cond. D	D 1238 Cond. E	g/10 min	0,8 - 1,2	0,8 - 1,2	0,8 - 1,2
Heat Reversion (80°C/6h)	DIN 16 726	D1204	%	≤ 3	≤ 2	≤ 2
Tear Resistance	DIN EN ISO 34-1	D 1004	N/mm	70	70	70
Multiaxial Tension	OENORM S 2073		%	≥ 50	≥ 100	≥ 100
Tensile Stress at Yield	ISO 527	D 6693	N/mm <sup>2</sup>	≥ 5	≥ 5	≥ 5
Elongation at Break	ISO 527	D 6693	%	≥ 600	≥ 700	≥ 700
Puncture Resistance	DIN 16 726 (Drop Test)		mm	≥ 350	≥ 600	≥ 800
		D 4833	N	200	300	400
Low Temperature Brittleness	DIN 16 726	D 746	°C	-40	-40	-40
Water Absorption	ISO 62	D 570	%	≤ 1,0	≤ 1,0	≤ 1,0
Root Resistance	OENORM S 2073			fulfilled*	fulfilled*	fulfilled*
Microorganism Resistance	OENORM S 2073			fulfilled*	fulfilled*	fulfilled*
Rodent Resistance	OENORM S 2073			fulfilled*	fulfilled*	fulfilled*
ESCR-Behaviour		D 1693	(h)	> 2000	> 2000	> 2000
Carbon Black Content	ISO 6964	D 1603	%	≥ 2	≥ 2	≥ 2
Carbon Black Dispersion	ISO 11420	D 5596		A - 2	A - 2	A - 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 OENORM (Austrian Standard) resp. DIN (German Standard).

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.