

5. WATERPROOFING

5.1 WATERPROOFING

5.1.1 WATERPROOFING OF FOUNDATION, BITUMEN

PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
Lucobit® 1210	ECB	black	76	25

5.1.2 ROOFING

Lucobit® 1235	ECB	black	78	6
Lucolit® 1310	EBT	grey	90	9
Lucolit® 1321	EBT	blue	90	9
Lucolit® 1322	EBT	red	90	9
Lucolit® 1323	EBT	green	90	9
Lucofin® 1410	PE	grey	85	7
Lucofin® 1410-t1-t3	PE	grey	95	8-11
Lucofin® 1411 ³⁾	PE	white	85	7
Lucofin® 1411-t1-t3	PE	white	95	8-11
Lucofin® 1412	PE	light grey	85	7
Lucofin® 1412-t1-t3	PE	light grey	95	8-11
Lucofin® 1413 ³⁾	PE	dark grey	85	7
Lucofin® 1413-t1-t3	PE	dark grey	95	8-11
Lucofin® 1414 ³⁾	PE	silk grey	85	7
Lucofin® 1414-t1-t3	PE	silk grey	95	8-11
Lucofin® 1415	PE	signalwhite	95	7
Lucofin® 1453	PE	red	90	7
Lucofin® 1454	PE	green	90	7
Lucofin® 1455P	PE	black	90	7

5.1.3 SWIMMING POOL

Lucofin® 1451	PE	light blue	95	9
Lucofin® 1452	PE	blue	90	7
Lucofin® 1459	PE	azur blue	95	9
Lucofin® 1460	PE	white	95	9
Lucofin® 1461	PE	ice blue	95	9

5.1.4 LANDFILL

Lucobit® 1233	ECB	black	89	6
---------------	-----	-------	----	---

5.1.5 TUNNEL

Lucobit® 1218	ECB	black	90	6
Lucobatch® 1850 T10	PE	black	-	2
Lucobatch® 1850 T20	PE	black	-	2.5
Lucobatch® 1850 T100	PE	black	-	4

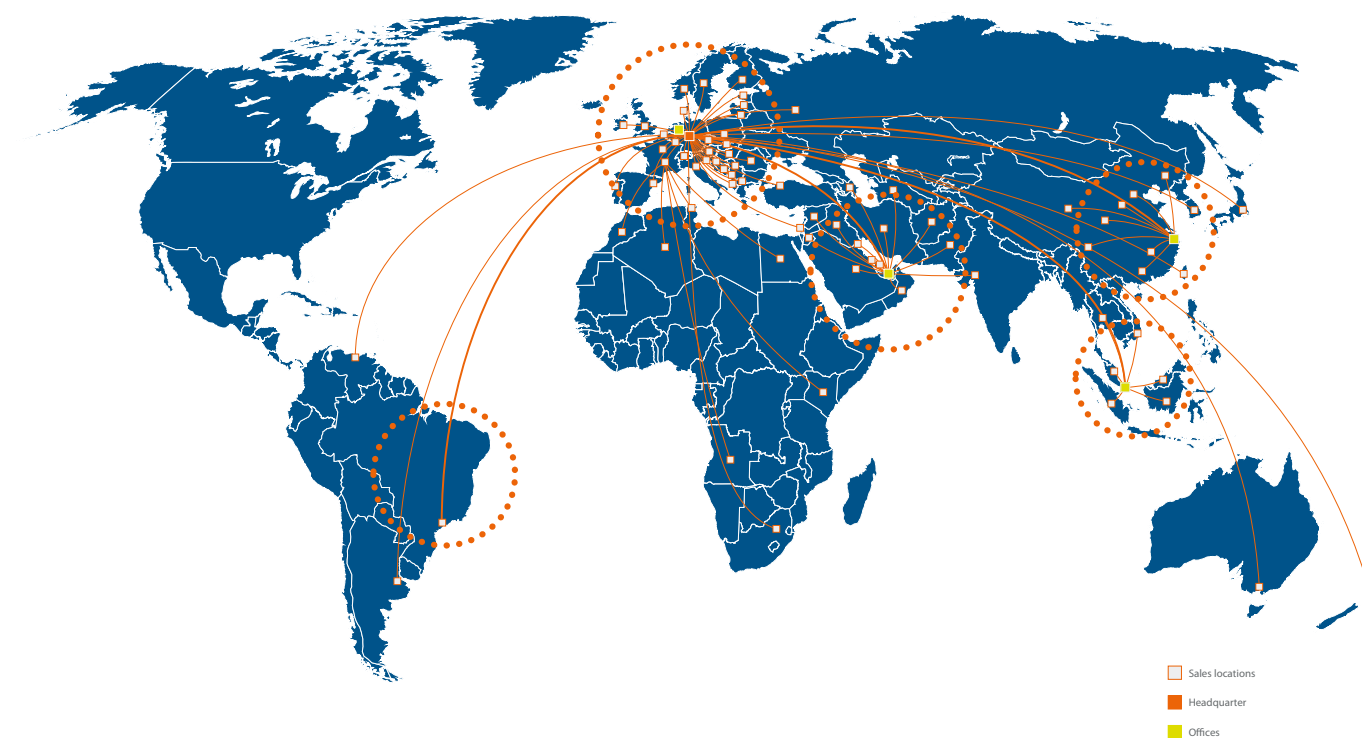
6. ASPHALT MODIFICATION

6.1 ASPHALT

6.1.1 ASPHALT MODIFICATION • 6.1.2 ASPHALT ADDITIVES

PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
Lucobit® 1210A	ECB	black	76	> 25
Lucolast® 7010	EBA (16 % BA)	natural	90	1.4
Lucobit® 1210AC	ECB	black	76	> 25
Lucolast® 7010AC	EBA (16 % BA)	natural	90	1.4
Lucowax® 1761	wax	brown		
Lucocell® FG 3000	fibre	grey		
Lucocell® PE 3700	fibre + EBA	grey		
Lucosol®	liquid	black		
Lucogrid®	membrane	black		
Lucolor®	powder	4 colors		
Lucobridge®	membrane	black		
Lucophalt®	powder	black		
Lucosoil®	liquid	white		
Luxbit®	liquid	black		

LOCATIONS



PRODUCT RANGE

MATERIALS OF LUCOBIT AG



LUCOBIT Aktiengesellschaft
 Basell Polyolefine GmbH / Brühler Str. 60 • B100
 D-50389 Wesseling
 Phone +49 2236 / 37859-0
 Fax +49 2236 / 37859-99
 info@lucobit.de
 www.lucobit.com

Note

The information provided in this document is based on our product tests and present technical knowledge. It does not release purchasers from the responsibility of carrying out their receiving inspections. Neither does it imply any binding assurance of suitability of our products for a particular purpose. As LUCOBIT cannot anticipate or control the many different conditions under which this product may be processed and used this information does not relieve processors from their own tests and investigations. Any proprietary rights as well as existing legislation shall be observed.

LAG_PR_1013



... we make better polymers

1. EXTRUSION

1.1 WIRE & CABLE	1.1.1 LV/MV CABLE INSULATION • 1.1.2 SEMI CONDUCTIVES • 1.1.3 HFFR • 1.1.4 BEDDING COMPOUNDS • 1.1.5 JACKETING • 1.1.6 CELLULAR				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400HN	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400HN Powder	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400MN	EBA (17 % BA)	natural	88	7
	Lucofin® 1400MN Powder	EBA (17 % BA)	natural	88	7
	Lucofin® 1494M	MAh grafted EBA (17 % BA)	natural	92	7
	Lucofin® 1494H	MAh grafted EBA (16 % BA)	natural	90	1.8
	Lucopren® EP 1500H-90 ¹⁾	PP EPM	natural	30 ⁶⁾	0.6
	Lucopren® EP 1500M-90 ¹⁾	PP EPM	natural	30 ⁶⁾	8
Lucofin® 7410HFFR ³⁾	EBA/ATH	natural	52 ²⁾	6	
Lucofin® 7440HFFR ³⁾	EBA/MDH	natural	52 ²⁾	6.5	

1.2 COMPOUNDING	1.2.1 IMPACT MODIFIER • 1.2.2 CARRIER FOR COLOUR MASTERBATCH • 1.2.3 ROOFING COMPOUND • 1.2.4 HIGHLY FILLED & HFFR COMPOUND				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400HN	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400HN Powder	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400MN	EBA (17 % BA)	natural	88	7
	Lucofin® 1400MN Powder	EBA (17 % BA)	natural	88	7
	Lucofin® 1494M	MAh grafted EBA (17 % BA)	natural	92	7
	Lucofin® 1494M Powder	MAh grafted EBA (17 % BA)	natural	92	7
	Lucofin® 1494H	MAh grafted EBA (16 % BA)	natural	90	1.8
	Lucofin® 1400SL	EBA (16 % BA) slip agent (0.2 %)	natural	90	1.4
Lucopren® EP 1500H-90 ¹⁾	PP EPM	natural	30 ⁶⁾	0.6	
Lucopren® EP 1500M-90 ¹⁾	PP EPM	natural	30 ⁶⁾	8	

1.3 BLOWN & CAST FILMS	1.3.1 MONOLAYER • 1.3.2 MULTILAYER & MODIFIER • 1.3.3 HEAVY DUTY FILMS • 1.3.4 HF-WELDABLE FILMS • 1.3.5 AGRICULTURAL FILMS • 1.3.6 GLOVES • 1.3.7 URINE POUCHES • 1.3.8 PACKAGING FILMS • 1.3.9 PEEL / SEAL FILMS • 1.3.10 DEEP FREEZE FILMS				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400HN	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400MN	EBA (17 % BA)	natural	88	7
	Lucofin® 1494M	MAh grafted EBA (17 % BA)	natural	92	7
	Lucofin® 1494H	MAh grafted EBA (16 % BA)	natural	90	1.8
	Lucofin® 1400SL	EBA (16 % BA) slip agent (0.2 %)	natural	90	1.4
	Lucopren® EP 1500H-90 ¹⁾	PP EPM	natural	30 ⁶⁾	0.6
	Lucopren® EP 1500M-90 ¹⁾	PP EPM	natural	30 ⁶⁾	8

1.4 EXTRUSION COATING	1.4.1 PEELABLE COATING • 1.4.2 ALU-FOIL • 1.4.3 PET (FILMS / NON WOVENS) • 1.4.4 PAPER BOARD COATING				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400MN	EBA (17 % BA)	natural	88	7
	Lucofin® 1494M	MAh grafted EBA (17 % BA)	natural	92	7
	Lucopren® EP 1500M-90 ¹⁾	PP EPM	natural	30 ⁶⁾	8

1.5 FOAMS	1.5.1 SOUND PROTECTION (ALSO AU) • 1.5.2 INSULATION TUBES (TPO + EPDM BASED) • 1.5.3 CONSTRUCTION FOAMS • 1.5.4 FLEXIBLE FOAMS (E.G. SPORT MATS)				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400HN	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400MN	EBA (17 % BA)	natural	88	7
	Lucofin® 1494M	MAh grafted EBA (17 % BA)	natural	92	7
	Lucopren® EP 1500H-90 ¹⁾	PP EPM	natural	30 ⁶⁾	0.6
Lucopren® EP 1500M-90 ¹⁾	PP EPM	natural	30 ⁶⁾	8	

1. EXTRUSION

1.6 SHEETS	1.6.1 CAR MATS • 1.6.2 TEXTILE FLOORING BACKINGS • 1.6.3 TUNNEL • 1.6.4 LANDFILL • 1.6.5 ROOFING • 1.6.6 SEALING MEMBRANES				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400HN	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400MN	EBA (17 % BA)	natural	88	7
	Lucofin® 1400MN Powder	EBA (17 % BA)	natural	88	7
	Lucofin® 1494M	MAh grafted EBA (17 % BA)	natural	92	7
	Lucofin® 1494M Powder	MAh grafted EBA (17 % BA)	natural	92	7
	Lucopren® EP 1500H-90 ¹⁾	PP EPM	natural	30 ⁶⁾	0.6
	Lucopren® EP 1505 - 55	PP EPM	natural	58	8

1.7 PIPE & PROFILES	1.7.1 Garden hoses • 1.7.2 Medical tubing • 1.7.3 Industrial tubing • 1.7.4 Corrugated hoses				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400HN	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400HN Powder	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1494H	MAh grafted EBA (16 % BA)	natural	90	1.8
	Lucopren® EP 1500H-90 ¹⁾	PP EPM	natural	30 ⁶⁾	0.6

2. MOULDING

2.1 BLOW MOULDING	2.1.1 BLOW MOULDED FURNITURE • 2.1.2 MODIFIER • 2.1.3 BFT • 2.1.4 COLLAPSIBLE WATER BOXES • 2.1.5 OUTER LAYER OF BOTTLES				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400HN	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1494H	MAh grafted EBA (16 % BA)	natural	90	1.8
	Lucopren® EP 1500H-90 ¹⁾	PP EPM	natural	30 ⁶⁾	0.6

2.2 INJECTION MOULDING	2.2.1 SOFT IM PARTS • 2.2.2 TOYS • 2.2.3 IMPACT MODIFIER (E.G. FOR CRATES, BOXES...) • 2.2.4 GASKETS • 2.2.5 CAPS & CLOSURES, LIDS				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400HN	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400HN Powder	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400MN	EBA (17 % BA)	natural	88	7
	Lucofin® 1494M Powder	MAh grafted EBA (17 % BA)	natural	92	7
	Lucofin® 1494M	MAh grafted EBA (17 % BA)	natural	92	7
	Lucofin® 1494H	MAh grafted EBA (16 % BA)	natural	90	1.8
	Lucofin® 1400SL	EBA (16 % BA) slip agent (0.2 %)	natural	90	1.4
	Lucopren® EP 1500M-90 ¹⁾	PP EPM	natural	30 ⁶⁾	8
Lucofin® 7440HFFR ³⁾	EBA/MDH	natural	52	6.5	

3. CALENDERING

3.1 CALENDERING	3.1.1 CONVEYOR BELT HEAVY DUTY • 3.1.2 CONVEYOR BELT FOOD • 3.1.3 CONVEYOR BELT TOBACCO • 3.1.4 REPLACEMENT LINOLEUM/PVC FLOORING • 3.1.5 TECHNICAL TEXTILE COATING • 3.1.6 TRUCK COVERINGS • 3.1.7 TENTS & COLOUR ROOFING • 3.1.8 BOATS-LEISURE				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400HN	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400HN Powder	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1494M	MAh grafted EBA (17 % BA)	natural	88	7
	Lucofin® 1494M Powder	MAh grafted EBA (17 % BA)	natural	88	7
	Lucofin® 1494M	MAh grafted EBA (17 % BA)	natural	92	7
	Lucofin® 1494H	MAh grafted EBA (16 % BA)	natural	90	1.8
	Lucopren® EP 1500H-90 ¹⁾	PP EPM	natural	30 ⁶⁾	0.6
	Lucofin® 7410HFFR ³⁾	EBA/ATH	natural	52	6
Lucofin® 7440HFFR ³⁾	EBA/MDH	natural	52	6.5	

4. OTHER TECHNOLOGIES

4.1 ADHESIVES	4.2.1 ADHESIVES				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400HN	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400MN	EBA (17 % BA)	natural	88	7
	Lucofin® 1494M	MAh grafted EBA (17 % BA)	natural	92	7
Lucofin® 1494M Powder	MAh grafted EBA (17 % BA)	natural	92	7	

4.2 RUBBER MODIFICATION	4.3.1 TIRES ETC. • 4.3.2 MOULDED PRODUCTS • 4.3.3 AUTOMOTIVE PARTS				
	PRODUCT	MATERIAL	COLOUR	SHORE A	MFR ²⁾ 190°C / 2.16 KG
	Lucofin® 1400HN	EBA (16 % BA)	natural	90	1.4
	Lucofin® 1400MN	EBA (17 % BA)	natural	88	7
	Lucofin® 1494M	MAh grafted EBA (17 % BA)	natural	92	7
Lucofin® 1494M Powder	MAh grafted EBA (17 % BA)	natural	92	7	



¹⁾ MFR 230°C / 2.16 kg ²⁾ average ³⁾ MFR, 150 °C, 21.6 kg ⁴⁾ in development ⁵⁾ Masterbatch available on request ⁶⁾ Shore D
PLEASE NOTE: Tailor made / Customised products can be produced on individual request.