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# PRODUCT RANGE

## FLEXIBLE POLYMERS

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... we make better polymers

**LUCOBIT AG**  
the EBA Company  
(Ethylene-Butyl-Acrylate)

GRADE	TYPE	COLOR	PARTICLE SIZE	GENERAL DATA			MECHANICAL DATA			APPLICATION	OTHERS			
				CONTENT COMONOMER (BUTYL ACRYLATE)	DENSITY AT 23°C	STRESS AT BREAK - TYPE 5 A (MD/TD)	ELONGATION AT BREAK-TYPE 5A (MD/TD)	SHORE HARDNESS (SHORE D)	SHORE HARDNESS (SHORE A)					
				%	G/CM <sup>3</sup>	MPA	%	-	-					
				DIN 51451	ISO 1183	ISO 527	ISO 527-1 ISO 527-2	ISO 868	ISO 868					
Application	Masterbatches & Compounds	Lucofin 1400 HN	EBA	natural	granules	16	0,922	12	> 800	34	34	general extrusion and injection moulding, where very good processability, flexibility and very good mechanical properties are required		
		Lucofin 1400 HN Powder	EBA	natural	powder	16	0,922			34	90	compounding, paper coating		
		Lucofin 1400 MN	EBA	natural	granules	17	0,924	11	> 800	30		general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, extrusion profiles, microcellular foams, compounds & materbatches, cables		
		Lucofin 1400 MN Powder	EBA	natural	powder	17	0,924	13	> 800	32		compounding, paper coating		
		Lucofin 1400 PN	EBA	natural	granules	17	0,924	8	> 600	30	90	extrusion, compounding, coating		
		Lucofin 1492 MHG	EBA	natural	granules	17	0,927					compounding, improving processability, e.g. PA, improve bonding and strength in wood-plastic (WPC) and polymerfiber blends (e.g. glass fibres)		
		Lucofin 1400 SL	EBA	natural	granules	16	0,920				90	for extrusion, film for construction and agriculture, FFS bags, food packaging, used for profile and cable extrusion, sealing		
		Lucofin 1000SA195	TPO	natural	granules		0,882	7	980			83		
		Lucopren 1500 H	TPO	natural	granules		0,89 ± 0,01		> 950	30		88		
		Lucopren 1500 M	TPO	natural	granules		0,89 ± 0,01		> 850	30		88		
		Lucofin 7500					7							
		Lucofin 7600					10	1,148						
		Lucopren 1505-55	TPO	natural	granules		0,920					57		
		Lucowax 1705	Wax	natural	granules		0							
		Lucofin 1083 DN	TPO	natural	granules		8	0,924	25/26	680/710				
		Lucofin 2273 KS	TPO	natural	granules		27	0,927	8	770		90		
		Lucofin 2124 LS	TPO	natural	granules		12	0,925	14	700		91	general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, microcellular foams, compounds & materbatches	
		Lucofin 2273 KS	TPO	natural	granules		33	0,925	3,4	700		68	general extrusion and injection moulding, where very good processability, flexibility and very good mechanical properties are required, extrusion profiles, microcellular foams, compounds & masterbatches	
		Extrusion coating	Lucofin 1400 HN	EBA	natural	granules	16	0,922	12	> 800	34	34	general extrusion and injection moulding, where very good processability, flexibility and very good mechanical properties are required	
			Lucofin 1400 MN	EBA	natural	granules	17	0,924	11	> 800	30		general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, extrusion profiles, microcellular foams, compounds & materbatches, cables	
Lucofin 2273 KS	TPO		natural	granules	27	0,927	8	770		90				
Lucofin 2124 LS	TPO		natural	granules	12	0,925	14	700		91	general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, microcellular foams, compounds & materbatches			
Lucofin 2334 TS	TPO		natural	granules	33	0,925	3,4	700		68	hot melt adhesives, extrusion coating, compounds in automotive and cable applications			
Lucofin 2331 VS	TPO		natural	granules	33	0,924	1,9	540		60	hot melt adhesives and blends, packaging, bookbinding, carpet backing			
Lucofin 2271 VS	TPO		natural	granules	27	0,924	3	550		76	injection moulding, hot melt adhesives, packaging, bookbinding, carpet backing			

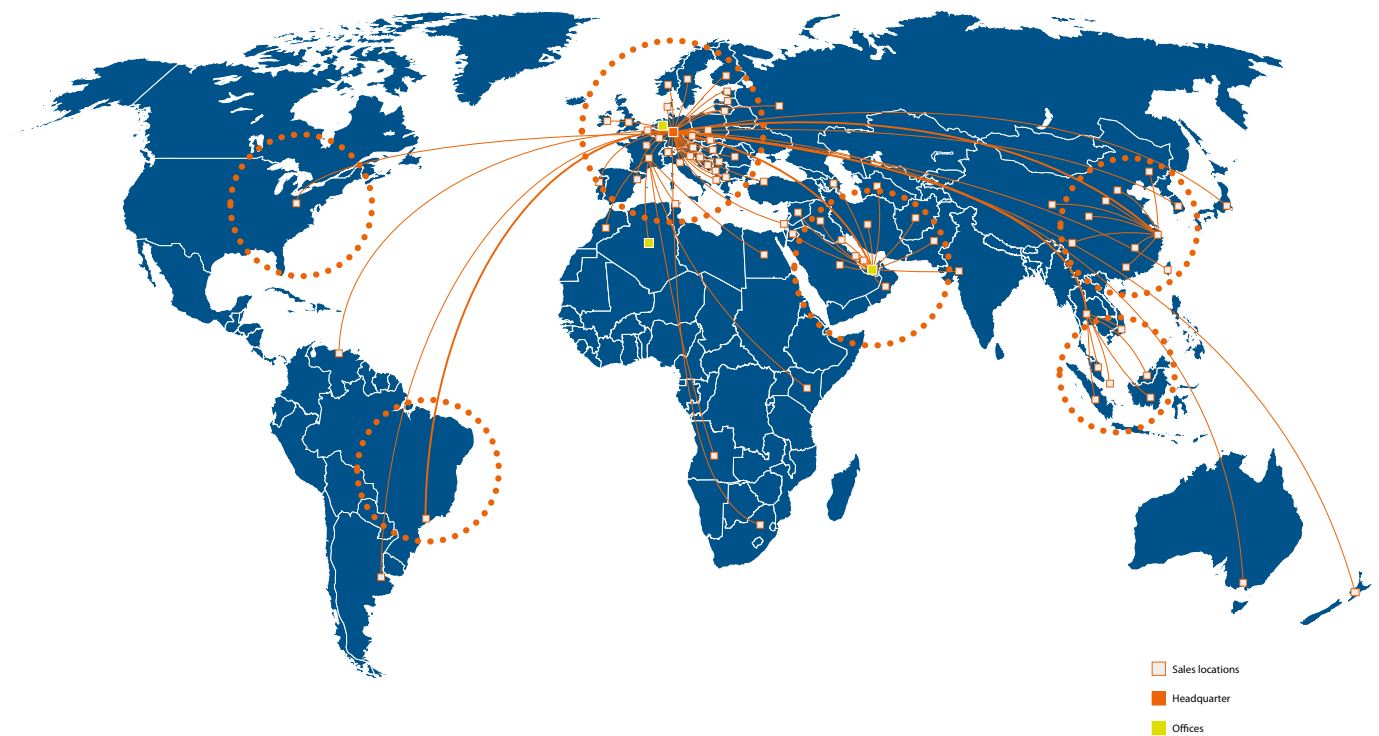
GRADE	TYPE	COLOR	PARTICLE SIZE	GENERAL DATA			MECHANICAL DATA			APPLICATION	OTHERS			
				CONTENT COMONOMER (BUTYL ACRYLATE)	DENSITY AT 23°C	STRESS AT BREAK - TYPE 5 A (MD/TD)	ELONGATION AT BREAK-TYPE 5A (MD/TD)	SHORE HARDNESS (SHORE D)	SHORE HARDNESS (SHORE A)					
				%	G/CM <sup>3</sup>	MPA	%	-	-					
				DIN 51451	ISO 1183	ISO 527	ISO 527-1 ISO 527-2	ISO 868	ISO 868					
Application	Film	Lucofin 1400 HN	EBA	natural	granules	16	0,922	12	> 800	34	34	general extrusion and injection moulding, where very good processability, flexibility and very good mechanical properties are required		
		Lucofin 1400 MN	EBA	natural	granules	17	0,924	11	> 800	30		general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, extrusion profiles, microcellular foams, compounds & materbatches, cables		
		Lucofin 1400 NC RC	EBA	natural	granules	4-5	0,886	12	>600	56 - 58	96 - 98	blown film, extrusion, compounds, stretch-hood film, 70% post industrial recycled material sourced from packaging		
		Lucofin 2400 MN	EBA	natural	granules	27	0,926	7,5	600	20		general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, extrusion profiles & sheets, microcellular foams, compounds & materbatches		
		Lucofin 1400 SL	EBA	natural	granules	16	0,920				90	for extrusion, film for construction and agriculture, FFS bags, food packaging, used for profile and cable extrusion, sealing		
		Lucofin 1470	EBA	natural	granules	7	0,927			38		injection moulding, extrusion, compounding, as carrier resin for high loaded pigment and carbon black masterbatches, packaging, wire and cable, for closed cell foam, adhesive layers of sandwich structures		
		Lucopren 1500 H	TPO	natural	granules		0,89 ± 0,01		> 950	30	88			
		Lucopren 1500 M	TPO	natural	granules		0,89 ± 0,01		> 850	30	88			
		Lucopren 1505-55	TPO	natural	granules		0,920				57			
		Lucowax 1705	Wax	natural	granules	0								
		Lucofin 2033 DS	TPO	natural	granules	3	0,923	25/25	500/700				blown film, where good optical and very good mechanical properties even at low temperatures are required, very good sealing properties, shrink film, silage film, heavy-duty bags	
		Lucofin 2133 VS	TPO	natural	granules	13	0,925	20/22	570/600				blown film, where good flexibility and very good mechanical properties are required, stretch hood film, agriculture films	
		Lucofin 1083 DN	TPO	natural	granules	8	0,924	25/26	680/710				cable compounds, film	
		Lucofin 2174 FS	TPO	natural	granules	17	0,925	29/30	750/850				blown film, where good processability, flexibility and good mechanical properties are required, stretch hood film	
Application	Foam	Lucofin 1400 HN	EBA	natural	granules	16	0,922	12	> 800	34	34	general extrusion and injection moulding, where very good processability, flexibility and very good mechanical properties are required		
		Lucofin 1400 MN	EBA	natural	granules	17	0,924	11	> 800	30		general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, extrusion profiles, microcellular foams, compounds & materbatches, cables		
		Lucofin 1400 PN	EBA	natural	granules	17	0,924	8	> 600	30	90	extrusion, compounding, coating		
		Lucofin 1400 SL	EBA	natural	granules	16	0,920				90	for extrusion, film for construction and agriculture, FFS bags, food packaging, used for profile and cable extrusion, sealing		
		Lucofin 1000SA195	TPO	natural	granules		0,882	7	980		83			
		Lucopren 1500 H	TPO	natural	granules		0,89 ± 0,01		> 950	30	88			
		Lucopren 1500 M	TPO	natural	granules		0,89 ± 0,01		> 850	30	88			
		Lucopren 1505-55	TPO	natural	granules		0,920				57			
		Lucowax 1705	Wax	natural	granules	0								
		Lucofin 2273 KS	TPO	natural	granules	27	0,927	8	770			90	general extrusion and injection moulding, where very good processability, flexibility and very good mechanical properties are required, extrusion profiles, microcellular foams, compounds & masterbatches	
		Lucofin 2124 LS	TPO	natural	granules	12	0,925	14	700			91	general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, microcellular foams, compounds & materbatches	

GRADE	TYPE	COLOR	PARTICLE SIZE	GENERAL DATA			MECHANICAL DATA			APPLICATION	OTHERS		
				CONTENT COMONOMER (BUTYL ACRYLATE)	DENSITY AT 23°C	STRESS AT BREAK - TYPE 5 A (MD/TD)	ELONGATION AT BREAK-TYPE 5A (MD/TD)	SHORE HARDNESS (SHORE D)	SHORE HARDNESS (SHORE A)				
				%	G/CM <sup>3</sup>	MPA	%	-	-				
				DIN 51451	ISO 1183	ISO 527	ISO 527-1 ISO 527-2	ISO 868	ISO 868				
Application	Wire & Cable (W & C)	Lucofin 1400 HN	EBA	natural	granules	16	0,922	12	> 800	34	34	general extrusion and injection moulding, where very good processability, flexibility and very good mechanical properties are required	
		Lucofin 1400 MN	EBA	natural	granules	17	0,924	11	> 800	30		general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, extrusion profiles, microcellular foams, compounds & materbatches, cables	
		Lucofin 1400 PN	EBA	natural	granules	17	0,924	8	> 600	30	90	extrusion, compounding, coating	
		Lucofin 1400 SL	EBA	natural	granules	16	0,920				90	for extrusion, film for construction and agriculture, FFS bags, food packaging, used for profile and cable extrusion, sealing	
		Lucofin 1000SA195	TPO	natural	granules		0,882	7	980		83		
		Lucopren 1500 H	TPO	natural	granules		0,89 ± 0,01		> 950	30	88		
		Lucopren 1500 M	TPO	natural	granules		0,89 ± 0,01		> 850	30	88		
		Lucolor 7137	EBA	black	granules								
		Lucofin 7500				7							
		Lucofin 7600				10	1,148						
		Lucopren 1505-55	TPO	natural	granules		0,920				57		
		Lucowax 1705	Wax	natural	granules	0							
		Lucofin 1083 DN	TPO	natural	granules	8	0,924	25/26	680/710				cable compounds, film
		Lucofin 2334 TS	TPO	natural	granules	33	0,925	3,4	700		68		hot melt adhesives, extrusion coating, compounds in automotive and cable applications
Application	HFFR (Wire & Cable)	7410 - Standard				3	1,48			58			
		7420 - Oil resistance				3	1,46			58			
		7430 - Higher flexibility, ozone-resistant				2				58			
		7440 - Very low water absorption				3	1,41			52			
		7450 - Very good flame resistance				3	1,43			58			
		7460 - Excellent low-temperature behaviour				3	1,46			58			
		7470 - Bedding											
		7480 - Photovoltaic cable											
		7490 - Railway cable											
		7491 - Nuclear power cable											
7492 - Semicon					9	1,14							

	GRADE	TYPE	COLOR	PARTICLE SIZE	GENERAL DATA			MECHANICAL DATA			APPLICATION	OTHERS	
					CONTENT COMONOMER (BUTYL ACRYLATE)	DENSITY AT 23°C	STRESS AT BREAK - TYPE 5 A (MD/TD)	ELONGATION AT BREAK-TYPE 5A (MD/TD)	SHORE HARDNESS (SHORE D)	SHORE HARDNESS (SHORE A)			
					%	G/CM <sup>3</sup>	MPA	%	-	-			
	DIN 51451	ISO 1183	ISO 527	ISO 527-1 ISO 527-2	ISO 868	ISO 868							
Application	Injection Moulding	Lucofin 1400 MN	EBA	natural	granules	17	0,924	11	> 800	30		general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, extrusion profiles, microcellular foams, compounds & materbatches, cables	
		Lucofin 1400 PN	EBA	natural	granules	17	0,924	8	> 600	30	90	extrusion, compounding, coating	
		Lucofin 2273 KS	TPO	natural	granules	27	0,927	8	770		90	general extrusion and injection moulding, where very good processability, flexibility and very good mechanical properties are required, extrusion profiles, microcellular foams, compounds & masterbatches	
		Lucofin 2124 LS	TPO	natural	granules	12	0,925	14	700		91	general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, microcellular foams, compounds & materbatches	
		Lucofin 2202 RS	TPO	natural	granules	20	0,925	8	720		87	injection moulding, blends: microcrystalline and paraffin waxes, modification of asphalt	
	Hot Melt	Lucofin 2334 TS	TPO	natural	granules	33	0,925	3,4	700		68	hot melt adhesives, extrusion coating, compounds in automotive and cable applications	
		Lucofin 2331 VS	TPO	natural	granules	33	0,924	1,9	540		60	hot melt adhesives and blends, packaging, bookbinding, carpet backing	
		Lucofin 2271 VS	TPO	natural	granules	27	0,924	3	550		76	injection moulding, hot melt adhesives, packaging, bookbinding, carpet backing	
	Recycling	Lucofin 1400 HN	EBA	natural	granules	16	0,922	12	> 800	34	34	general extrusion and injection moulding, where very good processability, flexibility and very good mechanical properties are required	
		Lucofin 1400 MN	EBA	natural	granules	17	0,924	11	> 800	30		general extrusion, injection moulding, compounds, where very good processability, flexibility and very good mechanical properties are required, extrusion profiles, microcellular foams, compounds & materbatches, cables	
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		Lucofin 1492 MHG	EBA	natural	granules	17	0,927					compounding, improving processability, e.g. PA, improve bonding and strength in wood-plastic (WPC) and polymerfiber blends (e.g. glass fibres)	
		Lucofin 1000SA195	EBA	natural	granules		0,882	7	980		83		
Lucopren 1500 H		TPO	natural	granules		0,89 ± 0,01		> 950	30	88			
Lucopren 1500 M		TPO	natural	granules		0,89 ± 0,01		> 850	30	88			
Lucopren 1505-55		TPO	natural	granules		0,920				57			
Lucowax 1705	Wax	natural	granules	0									

## LOCATIONS

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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

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