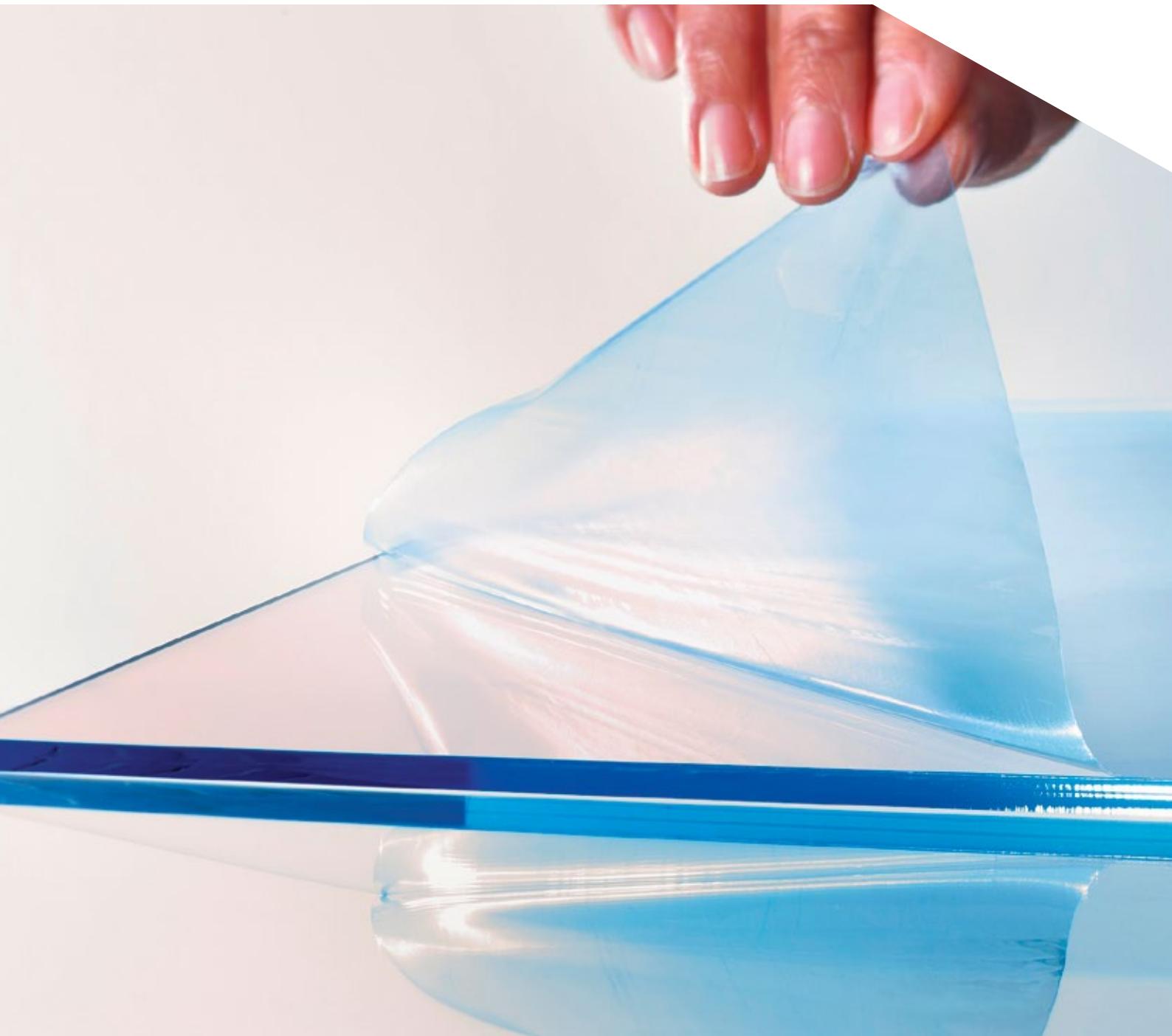


Polyethylene grades used in film application

Product Selection Guide - Europe



Product Selection Guide - Polyethylene Europe

Grades used in film applications

Grade Name	Typical Resin Properties										Typical Customer Applications																							
	MFR (190°C/2,16 kg) [g/10 min] ISO 1133	MFR (190°C/5 kg) [g/10 min] ISO 1133	MFR (190°C/21,6 kg) [g/10 min] ISO 1133	Density [g/cm³] ISO 1183	Melting Temperature [°C]	Vicat Softening Temp. VST/A (10 N) [°C] ISO 306/A	Tensile Modulus [MPa] ISO 527-1,-2	Tensile Strength at Yield [MPa] ISO 527-1,-2	Additivation (AO = Antioxidant, AB = Antiblock, S = Slip, P = Processing Aid)	- Blown Film Extrusion	- Cast Film Extrusion	- Oriented Films	- Heavy duty bags	- Liners	- Refuse sacks and bags	- Carrier bags	- Agricultural films	- Building and construction films	- Heavy duty shrink films	- Collation shrink films	- Fine shrink films	- Food packaging FFS films and bags	- Packaging films for sanitary articles	- Freezer films	- Sanitary films	- Embossed release films	- Lamination films	- Label films	- Cling films	- Surface protection films	- Sealing layers	- Cereal packaging	- Silicon coated films	- Stretch hoods
Lupolen 1840 D	0.25			0.919	108	93	200	9																										
Lupolen 2420 D	0.25			0.923	110	96	260	10																										
Lupolen 2420 F	0.75			0.923	111	96	260	11																										
Lupolen 2420 F Plus	0.75			0.923	111	96	260	11																										
Lupolen 2426 F	0.75			0.924	111	96	260	11	AB, S																									
Lupolen 2420 H	1.9			0.924	111	94	260	11																										
Lupolen 2426 H	1.9			0.924	111	94	260	11	AB, S																									
Lupolen 2420 K	4			0.924	111	92	260	11	AB, S																									
Lupolen 2426 K	4			0.924	111	92	260	11	AB, S																									
Lupolen 3010 D	0.25			0.927	114	102	300	13																										
Lupolen 3020 F	0.9			0.927	114	100	300	12																										
Lupolen 3026 F	0.9			0.927	114	100	300	12	S																									
Lupolen 3020 H	2			0.928	114	100	300	13																										
Lupolen 3026 H	2			0.928	114	100	300	13	S																									
Lupolen 3020 K	4			0.928	114	97	300	13																										
Lupolen 3026 K	4			0.928	114	97	300	13	AB, S																									
Lupolen 3220 F	0.9			0.930	117	105	430	14																										
Lupolen 3420 J	3			0.934	119	109	480	16																										
Lupolen 3426 J	3			0.934	119	109	480	16	AB, S																									
Lucalen A 2540 D ⁽¹⁾	0.25			0.923	103	85	120	7																										
Lucalen A 2920 M ⁽²⁾	7			0.927	96	74	90	6	AO																									
Luflexen hyPE 35P FA	0.75	2.5		0.936	126	119	600	16	AO																									
Luflexen hyPE 52R FA	2.0			0.952	131	126	1100	27	AO																									
Luflexen hyPE 56P FA	0.75	2.2		0.955	132	129	1250	27	AO																									
Lupolen 3721 C	0.6	12.5	0.937	127	121	700	19	AO																										
Hostalen GC 7260 F2	8.0	23	0.960	133	127	1450	30	AO																										
Hostalen GD 9555	3.0	63	0.953	131	122	1050	25	AO																										
Hostalen GD 9550 F	3.1	34	0.950	131	125	1050	25	AO																										
Hostalen GF 9055 F	1.8	24	0.954	133	127	1300	27	AO																										
Hostalen GF 9045 F	1.8	21	0.946	130	124	950	23	AO																										
Hostalen ACP 9240 Plus	0.2	6	0.946	129	123	1000	23	AO																										
Hostalen ACP 9254 Plus	0.3	8.8	0.954	133	127	1250	27	AO																										
Hostalen ACP 9255 Plus	0.4	12	0.957	133	128	1350	29	AO																										
Hostalen ACP 7740 F2	1.8	18	0.948	130	127	1000	24	AO																										
Petrothene GA1810	1.0			0.918	123	101	300	10	AO																									
Petrothene GA1810T	1.0			0.918	123	101	300	10	AO, S, AB																									
Petrothene GA1820	2.0			0.918	123	98	300	10	AO		</td																							

About us

We are LyondellBasell (LYB) – a leader in the global chemical industry creating solutions for everyday sustainable living. Through advanced technology and focused investments, we are enabling a circular and low carbon economy. Across all we do, we aim to unlock value for our customers, investors and society. As one of the world's largest producers of polymers and a leader in polyolefin technologies, we develop, manufacture and market high-quality and innovative products for applications ranging from sustainable transportation and food safety to clean water and quality healthcare. For more information, please visit www.lyb.com or follow [@LyondellBasell](#) on LinkedIn.

Before using a product sold by a company of the LyondellBasell family of companies ("LyondellBasell"), users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. LyondellBasell MAKES NO WARRANTY, EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) OTHER THAN AS AGREED TO BY LyondellBasell IN THE PRODUCT SALE CONTRACT.

LyondellBasell prohibits or restricts the use of its products in certain applications. For further information on restrictions or prohibitions of use, please contact a LyondellBasell representative.

Users should review the applicable Safety Data Sheet before handling the product.

Hostalen, Lupolen, Lucalen, Luflexen and Petrothene are trademarks owned or used by the LyondellBasell family of companies and are registered in the U.S. Patent and Trademark Office.

LyondellBasell Industries Holdings, B.V. 2019