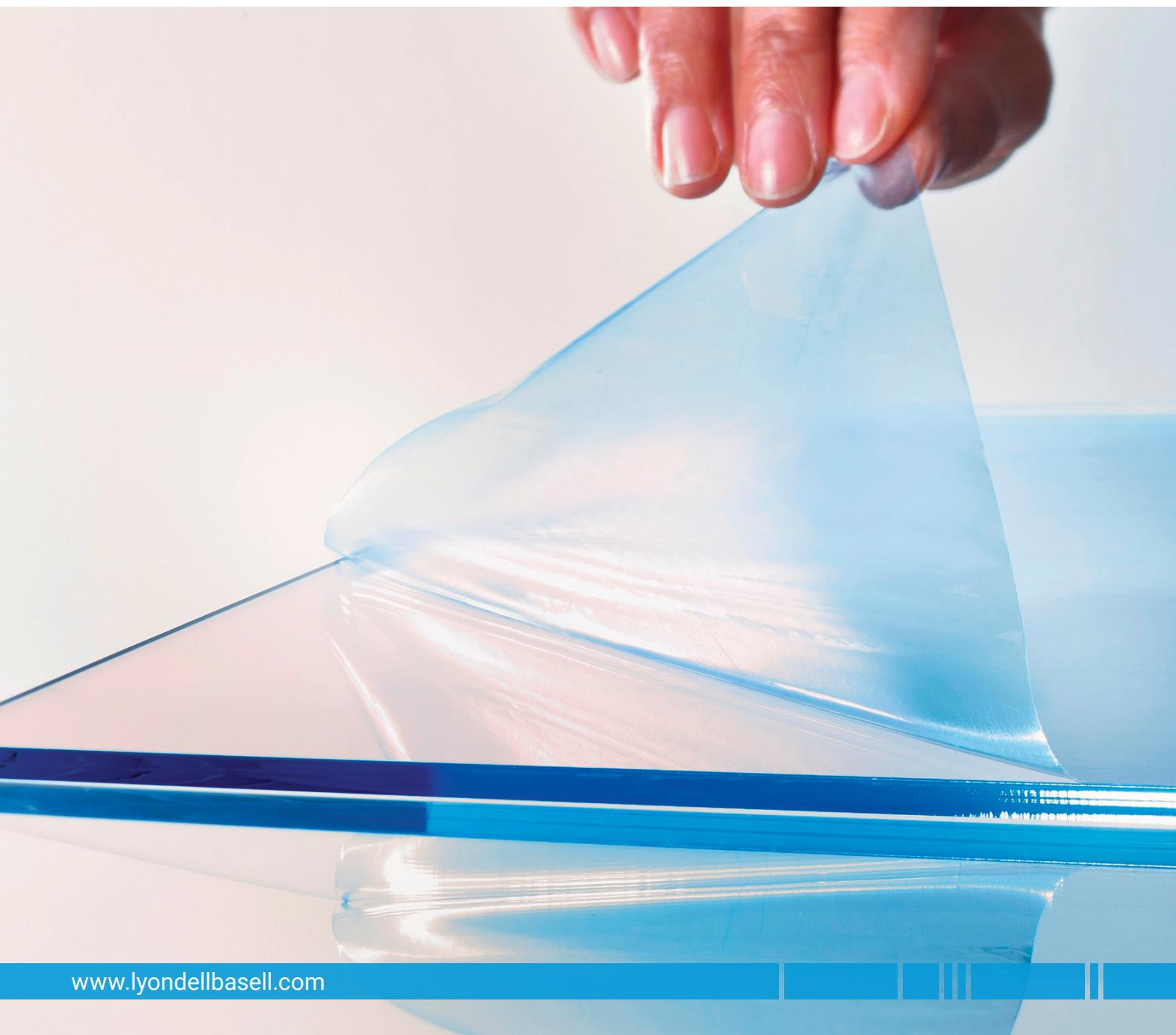


Polyethylene grades used in film application

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	- Blend partner for LDPE		
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		•	•						•	•	•	•	•																
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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
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	•																												

ABOUT US

As a leader in the global chemical industry, LyondellBasell strives every day to be the safest, best operated and most valued company in our industry. The company's products, materials and technologies are advancing sustainable solutions for food safety, access to clean water, healthcare and fuel efficiency in more than 100 international markets. LyondellBasell places high priority on diversity, equity and inclusion and is *Advancing Good* with an emphasis on our planet, the communities where we operate and our future workforce. The company takes great pride in its world-class technology and customer focus. LyondellBasell has stepped up its circularity and climate ambitions and actions to address the global challenges of plastic waste and decarbonization. For more information, please visit www.lyondellbasell.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

lyondellbasell
Advancing Possible

6169/22/09