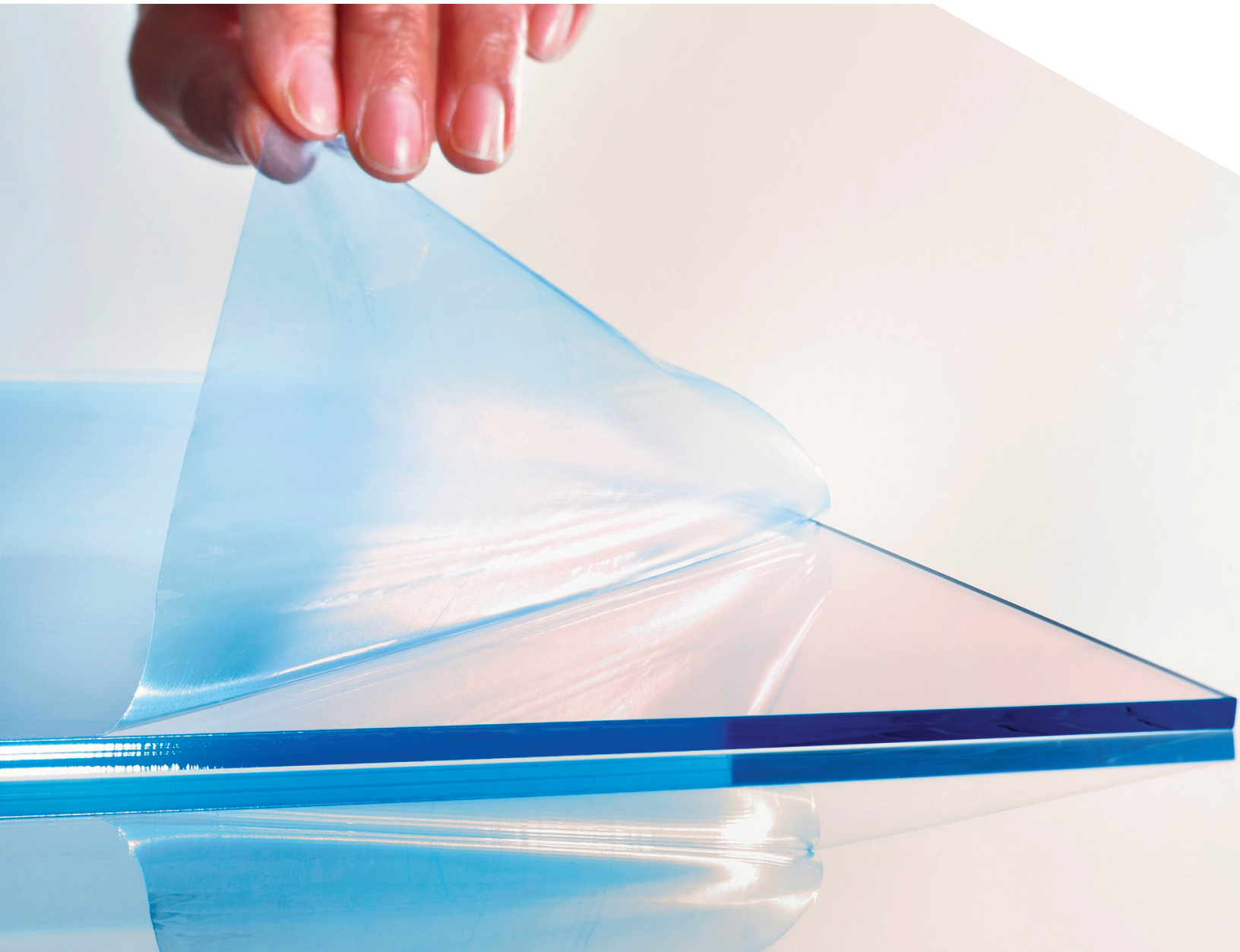
Advanced Polymer Solutions

LyondellBasell

Masterbatch product range

Extensive offering; high performance and quality; designed for multiple applications



Performance

Product Group	Description	Grade
Antifogs	For food packaging PE films	AF 1088, AF 1092 A
	For food packaging PP films	PAF 1026 SC, PAF 1029 SC
Antimicrobials	For PE	ABACT 420 L, AMIC 502
	For PP	ABACT 421 P
Antislips	For thin-gauge PE films	ASC 331
	For heavy duty bags	MAS 25
Antistatics	For PE	VLA 55, VLA 88T, VLA 705
	Amine-free for PE packaging of electronic components	VLA 620 HT, ASP 3000 (Permanent)
	Amine-free for PP applications	ASB 20 G
	For PP	ASPA 2485 WOB, AST 500
	Slip antistatic masterbatch for BOPP films	FASPS 2950, ASPERA 2358
	For PS	APS 897, APS 997
Desiccants	Desiccant masterbatch for PE	AR 1168 F
Ethylene Absorbers	For Polyolefins	Polyfresh EA2
Foaming Agents & Weight Reduction	For PE applications	U 0294 L
	For PP applications	P2635-08AA, P2635-96AA, P-5000-08AA
IR Absorbers	Infra-red absorber masterbatch for PE and PP	IR 1515, IR 1515 SC
Nucleators	Nucleator for PE to improve barrier, optics, productivity	CLR 122, CLR 128 HD, CLR 155 HC
	Advanced nucleators for PP; stiffness, cycle, shrinkage	NA 9525, NA 9544, NA 9822, HPN 1414
Release Agents	Food grade PE film	RA 295, CRSC 1451/10
	Food grade PP film	RA 295 P
UV Absorbers & Blockers	For PE applications	UV 1515
	For PP applications	UV 1615 P
UV Stabilizers	For PE	UVR 610, UVR 110 DC, UVS 220, UVS 310, UVK 90, UVR 95
	For PP films	FPP UV 38, CPUV 130 SP

Appearance

Product Group	Description	Grade
Clarifiers	Clarifying agents for PP	CLR 202 SC
Matte Compounds	Matte effect compounds for polyolefins	DUL 4646 FF20, DUL 4646 105X, DUL 4646 95X
Synthetic Paper	*Papermatch* specialty masterbatch to impart paperlike properties and texture in PP films	T 39601
	Papermatch specialty masterbatch to impart paperlike properties and texture in PE films	T4776/10, T5346, T4228/50 NG2, T4448/50, T4338/50
***Polybatch* Custom Performance Color**	Custom concentrates for wide range of polymers and applications	
***Polyblak* Black Concentrates**	Wide range of standard black masterbatches	
***Polywhite* White Concentrates**	Standard and custom white masterbatches for a wide range of polymers and applications	

Processing

Product Group	Description	Grade
Antiblocks	For PE films	FTA 360 T, F 20, F 550, CE 505 B
	For high-transparency, thin-gauge PE films	AB 5 L, AB 551, AB 1910 VT
	For BOPE films	AB 5 L, AB 19VT, AB 35 VT, AB 53 VT
	For OPP and BOPP films	ABPP 05 (SC), ABPP 10, ABVT 19 N SC, ABVT 22 NSC, ABVT 26 SC, ABVT 242 SC, ABVT 1677 SC, SPBR 5, SPBR 10
	For BOPET films	PT AB 041, PT AB 0422, PT AB 050
	For PETG films	PT AB 042 G, PT AB 50 G
	For PA films	ABPA 1933
Antioxidants	For thermal stabilization of PE	AO 25, AO 710, XAO 25 B
	For thermal stabilization of PP	PAO 3360, BOPP 30 Mono
Mineral Filled	Cavitating and mineral-filled for PP	PFT 50T, PCC 750, PF 97 N, PF 124, PF 97, PF 61V
	Mineral options for PE films and extrusion coating	FTA 360 T, MF 4040, MF 4025 HD
Processing Aids	Reduce melt fracture in PE applications	AMF 71252 US, AMF 7305, AMF 7610
	Reduce die lip buildup in PE applications	AMF 7410, AMF 7450 LD, AMF 7610
	For PP	P AMF 7305, P AMF 7410 SC
Purge and Shutdown	FDA, mechanical, non-reactive purge options available	KC PP 70, KC 30, AO 710, CH 80014 Purfict Purge
Slips & Slip Antiblocks	For PE films	CE 105, CE 109, CE 107 E, CE 510 E, CE 505 OP, CE 505 SE, IL 3558 LD
	For PP films (blown, cast and BOPP)	SPER 6 (SC), SPOR 6, KER 5, IL 2580 SC, IL 3500 TP, IL 10020 SC
	For PE	FSU 367, FSU 400 E, FSU 255 E, FSU 405, FSU 505 , FSU 1010, FSU 1010 E
	For EVA films	SAB 1982 VA

We position you as a leader

We translate your performance, appearance and processing needs into functional formulations. Our broad product line is designed to provide you with unique combinations of technical, operational and economical benefits.

High-Performance Solutions

Our lineup of additive functionalities and carrier resins delivers high levels of performance and evolves with key market trends. Our R&D experts are prepared to develop unique formulations in:

- Polypropylene (HP, ICP, RCP)
- Polyethylene (LDPE, LLDPE, HDPE)
- Ethylene vinyl acetate (EVA)
- Polystyrene (GPPS, HIPS)
- Polyethylene terephthalate (PET, PETG)
- Polyamide (PA, Nylon)
- Polylactic acid (PLA)
- Bio resins and composites (PHA, modified starches)

To learn more about LYB Masterbatch solutions, please contact your LYB representative.

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.

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