

Specialty masterbatches portfolio



Matt compound



Key features for lower SIT high haze Matt compound

Polybatch DUL LTX-05 IN is a compound for production of films (BOPP, cast & blown) with a matt surface and heat sealable properties.

- Lower SIT, smooth surface, excellent matt

Applications

- Sealable film for VFFS and HFFS packaging
- Films for lamination on paper and cardboard
- Matt packaging films combining reverse print dry or wet laminated with PE, CPP or BOPP.

Key features for standard high haze Matt compound

Polybatch DUL STX-25 IN is a ready to use compound and to be used at 100% in outer layer of a co-extruded film structure to get the highest matt effect.

- Standard matt compound; smooth surface; excellent matt

Applications

- Films for lamination on paper and cardboard
- Matt packaging films combining reverse print dry or wet laminated with PE, CPP or BOPP.



Key features for heat resistance high haze Matt compound

Polybatch DUL HRX-35 IN is a ready to use compound and to be used at 100% in outer layer of a co-extruded film structure to get the highest matt effect.

- Higher SIT, smooth surface; excellent matt
- For retort packaging and sustainable solution to replace polyester. Good heat resistance on pouching machine for stand-up & gusset pouches

Applications

- Retort packaging
- Films for lamination on paper and cardboard
- Matt packaging films combining reverse print dry or wet laminated with PE, CPP or BOPP



Innovations in additive Masterbatches



Key features for PFAS alternative PPA based on PE

Our newly developed PFAS alternative PPA are able to have an extra space after the word 'to' minimizes die buildup, eliminates melt fracture and improves the extrusion characteristics and facilitates the extrusion process

- USFDA & EU food contact
- Good performance, excellent optical properties
- Eliminates melt fracture and reduces die build up.

Applications

- Food packaging all type of multilayer
- Artificial turf
- Thermoformed food trays etc.



Key features for super slip Masterbatch

Polybatch IL 10020 SC IN is a super slip masterbatch for PP films. Low coefficient of friction.

- Release properties.
- Excellent hot slip properties (up to 100 °C) particularly film to metal.
- *Polybatch IL 10020 SC IN* should always be combined with an anti-blocking masterbatch in order to obtain the right film properties in terms of anti-block and coefficient of friction



Applications

- BOPP cigarette film
- BOPP heat sealable film
- BOPP release film
- Oriented high shrink film produced by double bubble or cast process
- Blown & cast PP film/layers

Key features for black Masterbatch for food applications

Polyblak 7170 AP is a high-quality carbon black masterbatch for the colouring of extruded and injection moulded polyolefins.

- USFDA food contact
- 40% PE black
- Filler free
- Excellent dispersion
- High tint strength

Applications

- Thermoforming
- Injection
- Blow moulding
- UHT film



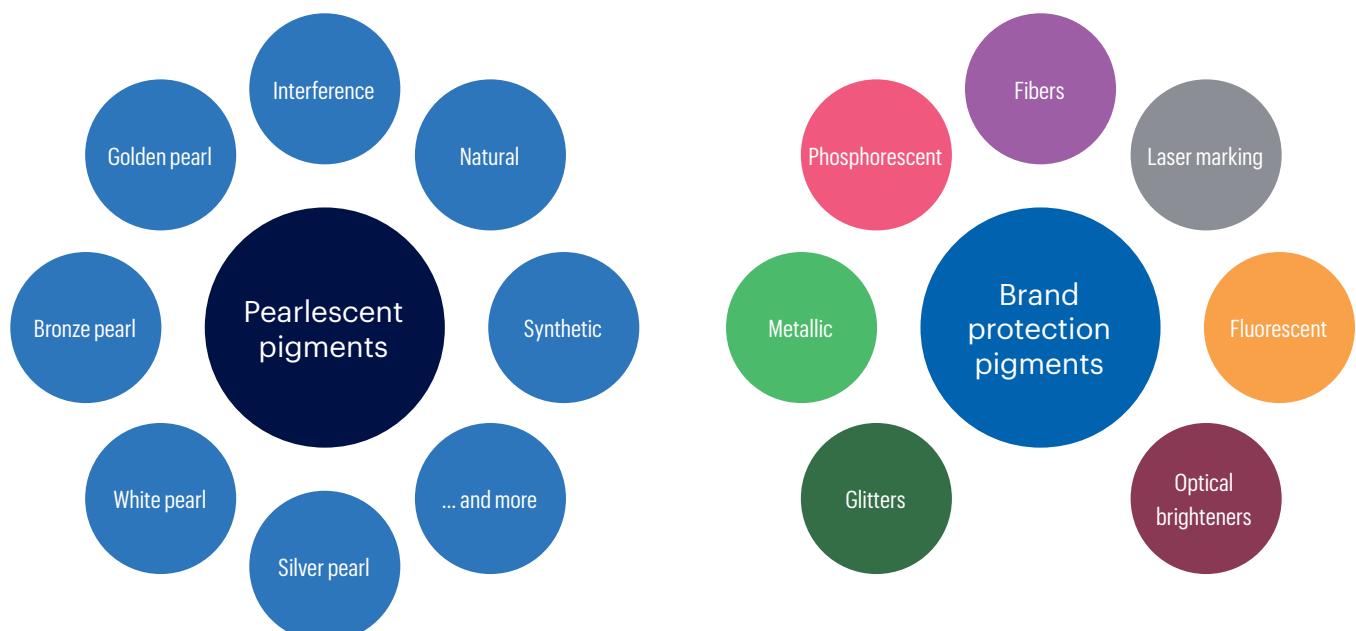
Design for circularity – NIR detectable colors

Optimizing waste separation with a product range that broadly addresses common market needs.



- Different polymers
- Thick and thin film molding applications
- Different color strengths
- Food contact compliances: EU and USFDA
- Trichromatic and Inorganic basis

Special Effects Pigments – A wealth of possibilities



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.

Contact us

AFMEI.APS@lyondellbasell.com
Office landline number: +91 22 69161111

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