

Antiblocking Additive

Polyolefin and other plastic films have a tendency to adhere together, often making it difficult to separate layers. This adhesion between film layers, called blocking, is an inherent property of some polymers. Antiblocking additives can be added to the plastic to minimize this adhesion and lower the blocking force between layers.

Once compounded into a plastic, these additives create a microrough surface which reduces the adhesion between film layers and lowers the blocking tendency.

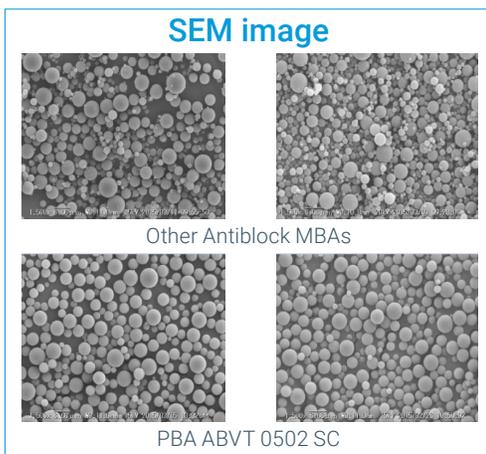
Special features for the *Polybatch ABVT 0502 SC*

A narrower particle size distribution, including low specific gravity, high transparency, good compatibility resins, and excellent dispersibility.

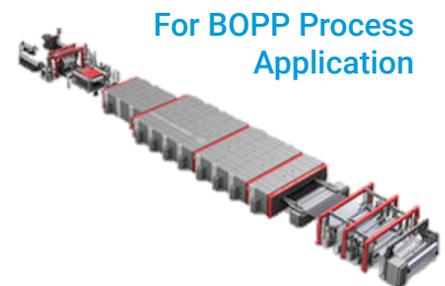
Benefits:

- Anti-blocker with good performance for coatings
- Refractive index 1.41. – 1.59
- Highly resistant to heat
- Excellent dispersibility in the resin
- Anti-scratch effect
- Non-migratory

Product	COF Static Kinetic	Characteristics	
POLYBATCH ABVT 0502 SC	0.28 0.20	<ul style="list-style-type: none"> ■ Improved COF stability ■ Improvement in oxidative stability ■ Improvement in optics ■ Good performance in double treated film 	<ul style="list-style-type: none"> ■ Excellent performance in: ■ VFFS Ext lamination Ext coating ■ Improvement in films unlocking ■ Good performance hot slip



The PMMA polymer begins to degrade at 240°C and is completely depolymerized at 350°C while the PBA ABVT 0502 SC will have better thermo oxidative property.



ABOUT US

LyondellBasell (NYSE: LYB) is one of the largest plastics, chemicals and refining companies in the world. Driven by its 13,400 employees around the globe, LyondellBasell produces materials and products that are key to advancing solutions to modern challenges like enhancing food safety through lightweight and flexible packaging, protecting the purity of water supplies through stronger and more versatile pipes, and improving the safety, comfort and fuel efficiency of many of the cars and trucks on the road. LyondellBasell sells products into approximately 100 countries and is the world's largest licensor of polyolefin technologies.

For more information, visit lyondellbasell.com.

Before using a product sold by a company of the LyondellBasell family of companies, users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. SELLER MAKES NO WARRANTY; EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY WARRANTY) OTHER THAN AS SEPARATELY AGREED TO BY THE PARTIES IN A CONTRACT. This product(s) may not be used in: (i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or (ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor. (iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications. All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification. Users should review the applicable Material Safety Data Sheet before handling the product.