

**Product Description**

SB 31L is a Slip & Antiblock masterbatch which specifically designed to use with Polyolefins. It has an optimal ratio between Slip agent and Antiblock agent. The synergized effect from both substances results in a significant improvement in openability.

Typical Application

- Masterbatch for blown/cast film

Product Characteristics

- Food contact applicable (U.S FDA 21 CFR 177.1520)
- Good slip and anti-blocking agent dispersion
- Not causing gel on film
- Not causing white dust in fabrication process

Physical properties

Property	Test Method	Value	Unit
Antiblock content	TPE Method	6.7	%
Slip content	TPE Method	5.5	%
Melt index (190 °C, 2.16 kg)	ASTM D1238	2.00	g/10 min
Density	ASTM D792	0.96	g/cm ³
Bulk density	ASTM D1895	0.59	g/cm ³
Pellet per gram	TPE Method	54	Pellet
Volatile content	ISO4437, NF EN 12099	< 0.2	%

Processing Guidelines

The actual extrusion condition depends on type of using machine, size, and film thickness of product required.

In order to obtain a completely non-blocking film, we recommend to adjust a masterbatch level from 0.5 to 1.5 % in polyethylene

Product Technical Assistance

For technical assistance or further information on this product or any other SCG Chemicals' products, please contact your SCG Chemicals technical service at the address or telephone number as specified below.

Product Available Form

- Yellowish white pellet

Product Packaging

- 25 kg loose bag

SCG Plastics Company Limited/ SCG Performance Chemicals Company Limited

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Tel. +66 2586 6664, +66 2586 5111 Fax +66 2586 3676

<http://www.scg.co.th/chemicals>

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Storage

- Store in original container in tidy according to the manual of Handling and Storage from Thai Polyethylene Company Limited.
- Product(s) should be stored in dry and dust free location at temperature below 50°C and protected from direct sunlight and/or heat, well-ventilated area, away from incompatible materials and food and drink, as this may lead to quality deterioration which results in odour generation and colour changes and can have negative effects on the physical properties of this product.
- Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
- The storage area should be stable and not be slopped.

Safety

- The product is not classified as a hazardous material.
- Please see our Material Safety Datasheet for details on various aspects of safety, recovery and disposal of the product, for more information contact your SCG Chemicals technical service.

Recycling

- The product is suitable for recycling using modern methods of shredding and cleaning. In-house production waste should be kept clean to facilitate direct recycling.
- Please see our Material Safety Datasheet for details on various aspects of safety, recovery and disposal of the product, for more information contact your SCG Chemicals technical service.

Related Documents

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.

- Material Safety Data Sheet
- Statement on compliance to food contact regulations

Disclaimer

- This product(s) can be used only for the application as specified hereabove.
- To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication, however we do not assume any liability whatsoever for the accuracy and completeness of such information.
- We make no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.
- It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.
- No liability can be accepted in respect of the use of our products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.

EL-Lene™ EL-Pro™ EL-Wax™   are registered trademarks of SCG Chemicals, Thailand.

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