



TECHNICAL DATA SHEET

Product Name

ACTIVE PLUS™

Product Type

Slip and Anti-Block Masterbatch

Product Grade

SB31L

Product Description

SB31L 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 film extrusion

Product Characteristics

- Good slip and anti-blocking agent dispersion
- Not causing gel on film
- Not causing white dust in fabrication process

International Compliance

- Food contact applicable (US FDA 21 CFR 175.1520)

Physical Properties

| Property | Test Method | Typical Value | Unit |
|------------------------------|-------------|---------------|-------------------|
| Antiblock content | TPE Method | 6.7 | % |
| Slip content | TPE Method | 5.5 | % |
| Melt index (190 °C, 2.16 kg) | ASTM D 1238 | 1.20 | g/10 min |
| Density | ASTM D 792 | 0.96 | g/cm ³ |
| Bulk density | ASTM D 1895 | 0.59 | g/cm ³ |

Note: The given values are typical value measured on the product. Values herein are not to be constructed as a product specification.

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 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

Thai Polyethylene Co., Ltd.

1 Siam Cement Road, Bangsue, Bangkok, 10800 Thailand

Email: genaral_plastics@scg.com

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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 Data Sheet for details on various aspects of safety, recovery, and disposal of the products; for more information, contact your 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 products; for more information, contact your SCG Plastics/SCG Performance Chemicals technical service.

Related Documents

- The latest version of this document will be available at our website, www.scgchemicals.com, or can be obtained from the technical service.
- The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.
 - Material Safety Datasheet
 - Statement on compliance to food contact regulations



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Disclaimer

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