



TECHNICAL DATA SHEET

Product Name

ACTIVE PLUS™

Product Type

Processing Aids 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	2.00	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





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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.

