



Wellgo Chemical Technology Co., Ltd
EBS
(Ethylene Bis Stearamide)

PRODUCT NAME WELLGO EBS

PRODUCT TYPE Plastic Lubricant, Food grade

CAS No.: 110-30-5

CHEMICAL/PHYSICAL SPECIFICATIONS

Appearance	White to light yellow powder or granular	
Mesh	30-50	
Amine value	≤ 2.5	mg KOH/g
Residue on ignition	≤ 0.5 %	
Acid value	≤ 10.0	mg KOH/g
Melting point	138~145	°C
Flash point	285	°C

HEAVY METAL SPECIFICATIONS

Arsenic (as As)	≤ 2	mg/kg
Heavy metal (as Pb)	≤ 5	mg/kg
Mercury	≤ 1	mg/kg
Cadmium	≤ 1	mg/kg

APPLICATION AREAS:

EBS is widely used as lubricant, release agent, smooth opening agent and plastic dispersant. Adding this product in plastic processing can improve the melt fluidity of the resin, improve work efficiency, make up for the lack of mold finish, and make the product smooth and shiny, with uniform and bright colors.

EBS can still be used as a nucleating transparent agent: it can shorten its nucleation time in compounds such as polyolefin, polyoxymethylene and polyamide, and promote the thinning of the resin structure, thereby improving the mechanical properties and transparency of the product.

EBS can also be used as a rubber processing aid. In addition to its lubricating and demoulding properties and surface modification functions, it can also improve the surface finish of rubber hoses and rubber sheets. It can also be used as a rubber surface brightener: in the processing of fluoro rubber, it can improve rubber particle lifting, processing and vulcanization performance.

EBS is used in the production of coatings, which can improve the uniform dispersion of pigments and fillers, improve the surface leveling of the baking paint, prevent the paint peeling, and improve the water resistance, acid and alkali resistance. It can also play a matting effect in nitrocellulose lacquer.

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EBS is used in the chemical fiber industry to improve the heat resistance and weather resistance of polyester and polyamide fibers, and give them a certain anti static effect. As an additive in the spinning of anti static nylon fibers, it can also reduce yarn breakage.

Recommended dosage

The recommended addition amount is 0.5 ~ 1.5%.

PACKAGING, STORAGE AND TRANSPORTATION

Storage

shall be stored at 25 /77 °C °C max and 80% relative humidity max,
away from sunlight and odorous products. It has a shelf life of 24 months in original package.

Packaging

25kg per multi-layer bag with PE inner bag

LEGAL STATU

Meets the specifications laid down by the FAO/WHO, the EU, and the

ADDITIONAL SAFETY INFORMATION

A Material Safety Data Sheet is available on request.

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