

Technical Data Sheet

1. Preface

Product name: Oleamide **Type :** EBO-50
Molecular formula: C₁₈H₃₅NO **Molecular weight:** 281.48

Physical and chemical properties:

White powder or flake at room temperature, non-toxic, insoluble in water, soluble in hot ethanol, ether and other organic solvents.

2. Characteristics

- 1). Good thermal, oxygen and ultraviolet stability.
- 2). Good dispersion and antistatic properties.
- 3). Good waterproof, moisture-proof and adhesion resistance.

3. Specification

Items	Standard Value	Remark
Appearance	Yellowish, white granule	
Platinum-Cobalt Hazen	≤400	
Free Fatty Acid (%)	≤0.3	
Iodine Value(gI ₂ /100g)	80~95	
Melting Point (°C)	71~76	
Volatile Content 105°C(%)	≤0.1	

4. General Information

Product Packaging: 20kg net paper bag.

Storage and Handling: Storage and transport under shady, cool and ventilated environment;

Avoid acid, alkali and corrosive substances. Keep it away from the humidity, hotness, fire and corrosion.

5. Product Application

- Used as smooth agent, opening agent and antistatic agent for LDPE film and its composite film, multi-layer co-extruded film, bubble bag, ultra-thin film, and PVC dilpressed film, PP, CPP film.
- Used as lubricant and release agent for EVA, POM, PC, PET, PA and other resins.
- Used as surface treatment agent for PU and smooth, antistatic agent in fiber masterbatch.
- Used for plastic surface printing (composite) ink and as adhesive and leveling agent, smooth and bright agent for PE thermoplastic dipping powder.
- Used as lubricant and dispersant for toner, paste and masterbatch.
- Used as a metal rib protection agent and a lubricant for polyolefin sheets.

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