

# Technical Data Sheet

## 1. Preface

**Product:**Erucamide

**Type:**EA-200

**Molecular formula:** C<sub>22</sub>H<sub>43</sub>NO

**Molecular weight:** 337.58

### Physical and chemical properties:

Waxy odorless solid, insoluble in water, soluble in ketone, ester, alcohol, ether, benzene and other organic fluxes.

## 2. Characteristics

- 1) Excellent dispersibility.
- 2) Excellent lubricity and demoulding property.
- 3) Good thermal stability and antistatic property.

## 3. Specification

Items	Unit	Standard value
Appearance	-	White powder
Chroma	Platinum-cobalt Hazen	≤400
Free fatty acid	mgKOH/g	≤1.0
Iodine value	GI2 / 100g	70~85
Melting point	°C	75~85
Volatile at 105 °C	%	≤0.3
Amide content	%	≥98

## 4. General Information

**Product Packaging:**25kg net paper bag.

### Storage and Handling:

Store and transport in a cool and ventilated environment, avoid acid, alkali and corrosive substance. Keep away from humidity, heat, fire and corrosive environments.

## 5. Application

- Used as excellent lubricant for PVC, PE and PP extrusion films.
- Used as smooth agent and anti-adhesion agent for CPP, BOPP, LDPE, LLDPE, EVA, PVC, PVDF, PVDC, PU and metallocene polyethylene.
- The ink has the function of smoothness, anti-adhesion and anti-fouling.
- In the rubber (SBE, SBP, SBR), the gloss, stain resistance and elongation of rubber products were improved, and the vulcanization promotion and wear resistance were enhanced.
- Used as Lubricants and release agents for engineering plastics.
- Thermoplastic elastomer (TPE, TEO, TPU) and fluororubber release agent and surface smoothness and brightener.

## 6. Disclaimer

Any recommendations made for use of Seller's materials are made to the best of Seller's knowledge and are based upon prior tests and experience of the Seller believed to be reliable; however, Seller does not guarantee the results to be obtained and all such recommendations are non-binding – also with regard to the protection of third party's rights –, do not constitute any representation and do not affect in any way Buyer's obligation to examine and/or test the Seller's our goods with regard to their suitability for his Buyer's purposes. No information given by the Seller is to be construed in any way as a guarantee regarding characteristics or duration of use, unless such information has been explicitly given as a guarantee.