

Technical Data Sheet

1. Preface

Product:Erucamide

Type:EA-50

Molecular formula: C₂₂H₄₃NO

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 granule
Chroma	Plt-Co Hazen	≤400
Free fatty acid	mg / KOH	≤1.0
Iodine value	gl2 / 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

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