

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

CIN: U21009KA2023PTC179006

Registered address: L73, Attic Space, 15th Cross Road, HSR Layout,
Bangalore Urban- 560102, Karnataka, India.

Email: info@scimplify.com

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TECHNICAL DATA SHEET

PRODUCT NAME: ERUCAMIDE

CAS NUMBER: 112-84-5

TYPICAL SPECIFICATIONS:

Item	Standard
Appearance	Beads/microbeads
Colour (Gardner)	2.0 max
Amide Content	98.0% min
Iodine Value	70-85
Acid Value	1.0 max
Melting Point°C	83±5°C
Moisture	0.25% max

(Slight variations in the specifications stated due to raw materials and production conditions are possible though they have no influence on the application properties described.)

ERUCAMIDE is a refined vegetable oil based Erucamide. ERUCAMIDE is an excellent slip agent and a good anti-blocking agent for poly-olefins.

APPLICATIONS: When ERUCAMIDE is mixed with a polymer, it reduces friction between the polymer and processing equipment and also between the polymer polymer inter-faces.

Due to its migration, a thin film of ERUCAMIDE is formed on the surface of the finished product and this provides the slip effect and anti-block performance.

Erucamide is recommended for use in both LDPE & LLDPE as well as PP film grade applications.

ERUCAMIDE better high temperature performance than Oleamide. This makes it particularly more useful for PP Film applications because ERUCAMIDE allows higher processing temperatures.

The longer carbon chain of Erucamide causes a delayed migration in comparison to Oleamide, which is a required property, if printing or sealing is carried out directly after processing the film.

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STORAGE: It is suggested to store ERUCAMIDE in a cool and dry place. Prolonged storage above 35 °C can cause caking.

SHELF LIFE: The quality of ERUCAMIDE is expected to be within specified limits for 12 months from the date of production, when stored under prescribed conditions.

PACKING: The standard packing is 25 kg. PE bags. We can also offer 500/600 kg grounded big bags on demand.

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Date	27/01/2026	27/01/2026	27/01/2026
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* This Document has been reviewed and approved by electronic signature.