

FINAWAX - E

CHEMICAL DESCRIPTION : Erucamide

CAS NUMBER : 112-84-5

FINAWAX-E is a refined Vegetable Oil based – Erucamide. FINAWAX-E is an excellent Slip Agent and a good Antiblocking agent for Polyolefins.

TYPICAL SPECIFICATIONS :

Appearance	:	Beads
Colour (Gardner):	:	2.0 Max.
Amide Content	:	98.0 % Min
Iodine Value	:	70 -- 85
Acid Value	:	1.0 Max.
Melting Point°C	:	84 ± 5°C
Moisture	:	0.5 Max.

(Above specifications are our standard specifications. Changes in these specifications can be done on request from customers to suit their requirements)

APPLICATIONS : When FINAWAX-E is mixed with polymer, it reduces friction between the polymer and processing equipment and also between the polymer to polymer inter-surfaces.

Due to its migration, a thin film of FINAWAX-E is formed on the surface of the finished product and this provides the slip effect and antiblock performance

FINAWAX-E (Erucamide) has a lower volatile and better high temperature performance than FINAWAX-O (Oleamide). This makes it particularly more useful for PP Films applications because FINAWAX-E allows higher processing temperatures

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

SUGGESTED USE LEVELS :

PE -	0.05 to 0.3%
PP -	0.05 to 0.3%

SHELF LIFE : The quality of FINAWAX-E is guaranteed for 1 year after the date of production.



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

FOOD APPROVALS : FINAWAX-E is approved for applications in articles for indirect food contact and articles to carry drinking water in various countries all over the world.

Some of these examples are :-

EEC - No limitations for all polymers

USA - Films : 0.1%

Closure : 5%

Other applications – No limitations.

Australia : PE and PP - 0.2%

Japan : PE and PP - 1.0%

PS, HIPS, SAN, ABS - 0.1%

Utensils - 2%

TOXICOLOGICAL DATA: Oral LD 50 : rat > 2000 mg/kg
Skin Irritation: rabbit : Minimally irritating
Eye Irritation : rabbit : Minimally irritating

PACKING : The standard packing is 25 kgs. Net bag
The bags are made of PE laminated with paper on the outer-side and with a polyliner inside. We also supply FINAWAX-E in 25 kgs. nett. in a PE bag. A pallet carries 600 kgs. nett. (24 bags)

(The recommendations in this bulletin are made without guarantee since the conditions of use are beyond our control. Users should make their own tests depending on machinery available and desired properties.)



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