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## Erucamide CAS 112-84-5

### Introduction

Erucamide is waxy solid. Its molecular structure contains one unsaturated double bond, which has long carbon chain and polar acylamino. It does not dissolve in water, but it has certain solubility in organic solvent including ketone, ester, alcohol, ether and benzene, good intermiscibility with resin, as well as excellent liquidity and surface activity. It also has high fusion point and excellent thermostability, which is applicable to higher processing temperature. It is a non-ionic surface-active agent with excellent properties, which is non-poisonous (FDA proof) and non-corrosion.

### Product Application

Erucamide is the optimal slipping agent, opening agent and anti-sticking agent for thin film and resin including BOPP, PP, CPP, LLDPE, EVA, EEA, PVC and PA; lubricant for photographic material(coating);

opening agent for cigarette film;

anti-setting, anti-sticking, dispersing agent and slipping agent for plastic table printing(compound) ink;

lubricant and dispersing agent for toner and color paste;

necessary good additive for functional master batch; brightening, slipping and release

agent for shoe material and electric wire and cable; slipping, brightening and

levelling agent for PE thermoplastic powder; slipping, brightening and antistatic

agent for thermoplastic elastomer (TPE, TEO, TPU, PP fiber master batch and PA fiber master batch).

### Specifications

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The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitable for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.



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#### Technical indicators HG/T 4232-2011

Item	Indicator	
(1) Appearance	Slightly yellow or white, powder or granular	
(2) Chromaticity (platinum-cobalt Hazen)	<	400
(3) Acid value (mg KOH/g)	<	0.80
(4) Melting range/C	71-76	
(5) Iodine value range (gI <sub>2</sub> /100g)	80-95	
(6) Moisture content/%	<	0.05
(7) C18:1 Amide content (GC) /%	>	66.0
(7) C18:2 Amide content (GC) /%	<	15.0
(9) Active constituent content/%	>	95.0
(10) Mechanical medium/(unit/ 10g)	0.10mm to 0.20mm	< 8
	0>0.20mm	> 0

#### Package, storage and transportation:

25 KG compound bag with plastic lining; non-dangerous goods and should be stored in shady and cool; sun protection and damp-proof during transportation.

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