



POLYMER ADDITIVES	SLIP AGENT
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Stearamide	Technical Datasheet
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Product Information: POLYMER ADD-STEARAMIDE act as external lubricants. It improves processing behavior and end performance of polymers by reducing friction (slip effect). It is added to the polymer during the extrusion process and migrates to the polymer surface giving the required effect in polymer.

Product Name	Stearamide		
Grade Name	POLYMER ADD-STEARAMIDE		
CAS No.	124-26-5		
EINECS No.	204-693-2		
Molecular Formula	C18H37NO		
Synonyms	<ul style="list-style-type: none">• Octadecanamide• Crodamide S• Stearoylamide		
TEST	SPECIFICATION		METHOD
Appearance	Form : Fine powder /Beads /Micro beads Colour : White		Visual
Total Amide Purity	98 % Min.		By HPLC
Melting Range	95 - 105 °C		Melting point apparatus (open capillary tube method)
Moisture Content	0.25 % Max.		KF titration
Acid Value	1.0 (mg KOH/g) Max.		Acidimetric titration
Iodine Value	2.0 (gI2/100g) Max.		Titration
Solubility at	Solvent	Solubility (gm/100ml)	Visual 25 °C
	Water	Insoluble gm/100ml	

Product Applications:

1. POLYMER ADD-STEARAMIDE is slip agent used for polyolefin, PVC, polystyrene and urea formaldehyde resin.
2. It is long chain carboxylic acid amide, is used as a slip agent for plastic films (polyolefin) which can be used in food packing material.
3. It has medium bloom slip agent for surface modification of polyolefins.

Product Benefits:

1. POLYMER ADD-STEARAMIDE has very narrow particle size distribution.
2. It provides excellent dispersion.
3. It is an excellent anti blocking and external slip agent for polyolefins.

Product Dosage: We strongly recommend testing of your own system under the actual conditions of processing and end-use prior to full scale testing. Exact loading must be determined by compositions of the specific polymer systems. In general the



dosage recommended in polymer is 0.1 - 2.0 %. However individual dosage information is as follows.

Polymer Details	Suggested dosage
Polymer in food contact	1 % Max.

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: POLYMER ADD-STEARAMIDE is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration, Department Of Health And Human Services (Continued)

Subchapter: B - Food For Human Consumption (Continued)

Part: 175 - Indirect Food Additives: Adhesives And Components Of Coatings

Subpart: B - Substances For Use Only As Components Of Adhesives

Section: 175.105 - Adhesives.

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Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration, Department Of Health And Human Services (Continued)

Subchapter: B - Food For Human Consumption (Continued)

Part: 177 - Indirect Food Additives: Polymers

Subpart: B - Substances For Use As Basic Components Of Single And Repeated Use Food Contact Surfaces

Section: 177.1210 - Closures With Sealing Gaskets For Food Containers.

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Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration, Department Of Health And Human Services (Continued)

Subchapter: B - Food For Human Consumption (Continued)

Part: 179 - Irradiation In The Production, Processing And Handling Of Food

Subpart: C - Packaging Materials For Irradiated Foods

Section: 179.45 - Packaging Materials For Use During The Irradiation Of Prepackaged Foods.

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Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration, Department Of Health And Human Services (Continued)

Subchapter: B - Food For Human Consumption (Continued)

Part: 181 - Prior Sanctioned Food Ingredients

Subpart: B - Specific Prior Sanctioned Food Ingredients

Section: 181.28 - Release Agents.

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or



Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contract arising in connection with product(s). Buyer's sole remedy and Seller's sole Liability for any claims shall be buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its intended conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.