



Technical Data Sheet

Name: N,N'-Ethylenebis(stearamide)

CAS: 110-30-5

Purity: 99%

Molecular Formula: C₃₈H₇₆N₂O₂

Molecular Weight: 593.02

EINECS: 203-755-6

Technical indicators:

ITEM	STANDARD
Appearance	Powdery
Smell	No smell
Color (Gardner)	≤3#
Melting Point (°C)	141.5-146.5
Acid Value (mgKOH/g)	≤7.50
Amine value (mgKOH/g)	≤2.50
Moisture (wt%)	≤0.30
Mechanical impurity	Φ0.1-0.2mm(individual/10g)
	Φ0.2-0.3mm(individual/10g)
	Φ≥0.3mm(individual/10g)

Application:



Ethylene bisstearamide can be used as:

(1) Plastic lubricants with hard ABS, hard vinyl chloride molding, polishing, injection molding of the internal lubricant, with 0.5-2.0 coordination amount, does not affect the thermal stability of the plastic, surface appearance, tone, film transparency, etc.

(2) Casting lubricant When casting the shell, adding this product to the mixture of resin and sand as a lubricant can play a slippery role. (3) When metal processing and powder metallurgy are used in drawing iron wire, the use of this product can improve the drawing speed, extend the life of the metal mold, and improve the smoothness of the wire surface. In addition, in the end of the metallurgical molding process, before the metal melting, the first to bond with this product, and use this product as a lubricant for the metal mold, can reduce the wear of the metal mold.

(4) Anti-sticking agent Add this product to adhesives, waxes, plastics, etc., and have a good effect of anti-caking and film removal.

(5) viscosity regulator. For asphalt, paint remover in the asphalt add this product can increase the softening point, reduce viscosity, improve the corrosion resistance to water or acid. Adding this product to paint remover can improve the performance of paint remover.

(6) Anti-corrosion agent electrical corrosion is usually applied wax, such as adding this product to the wax, can improve the properties of the wax layer. In addition, the addition of benzyl in paint or spray paint can improve its salt water resistance and water resistance.

(7) Surface brightener Adding this product to the rubber in the paint can improve the smoothness of the surface of the baking paint and the surface gloss of the rubber products.