

Product Description:

Zinc stearate is the zinc salt of distilled, hydrogenated fatty acids. Products vary in final form to accommodate end-user processing variations. Zinc Stearate ED-HS (powder or pastille) is used as a processing lubricant in polyethylene where heat stability is important. The pastille form avoids dust generation. Zinc Stearate #42, having a very fine particle size, is used for uniform cell nucleation in expandable polystyrene. Zinc Stearate #42 is also used as a lubricant with urea- and melamine-formaldehyde resins. Lubrazinc® W (zinc stearate) or Zinc Stearate #11 is used as a lubricant in fiber-reinforced polyesters.

Physical Properties:

PROPERTIES	TYPICAL VALUES
Form	Powder
Moisture, %	=<1.0
Ash, %	12.5-14.5
Free Fatty Acid, %	=<1.0
Apparent Density, lb/ft ³	25 (typ.)
Sp. Gr. (25/4°C)	1.1
Fineness, %	
thru 325 mesh	=>99.0