

Zn- 901

Zinc stearate is a chemical substance that is usually formed from a combination of stearic acid and zinc oxide. It is insoluble in polar solvents like alcohol and ethers, but more soluble in aromatic compounds and chlorinated hydrocarbons when heated. It is the most powerful mold release agent among all metal soaps. It contains no electrolyte and has a hydrophobic effect. Because of this versatility, this substance is used by many different types of companies, from plastic industries to concrete manufacturers.

Product introduction

Zn-901 is hydrophobic, lipophilic, non-sticky, highly soluble in the non-polar medium of polyolefins as well as in aromatic compounds. It is also emulsifier in the toiletries and cosmetics area. One of the unique properties of zinc stearate which make it different from other metal stearate is that it has a sharp melting point. It serves as a co-stabilizer for Ba/Cd and lead stabilizer systems in PVC. Used as a polishing agent in the point industry and as an adhesion protector in rubber, polyester and polyethylene. Zinc stearate is non-flammable but combustible. Incompatible with oxidizing agents, dilute acids. Emits acid smoke and fumes of ZnO when heated to decomposition.

Specification	
Free Fatty Acid	Less than %0.5
Zn Content	%10.5-11.5
Moisture Content	Less than %1
Melting Point	118-120°C .appr
Ash Content	%13-14 appr
Sieve Residue on 75 Micron	Less than %0.3
Solubility	Insolvable in Water

Application

Used in rubber, plastic, polyesters, abrasive, coating, printing inks and PVC industry

Package: 25±1 KG PP bag

Storage: kept free from moisture and stored in dry place.

Form: powder

Color: white