

PRODUCT INFORMATION DATA SHEET

LIBWAX - SS

DESCRIPTION : Stearyl Stearamide

SPECIFICATIONS :

Appearance	:	Creamish Powder
Acid Value	:	8.0 Max
Melting Point	:	88-92°C
Flash Point	:	>260°C
Solubility in water	:	Practically insoluble

APPLICATIONS : Libwax - SS is a secondary amide showing excellent thermal stability and very low volatility, used as a lubricant and internal mold release agent for engineering plastics.

When Libwax - SS is thoroughly mixed with the polymer it greatly improves processing behavior and end-performance by reducing friction and adhesion forces between polymer and processing equipment and polymer to polymer surfaces.

Due to continuous migration a thin film of Libwax - SS is formed on the surface of the finished product. This result in improved flow behavior and better mold release.

The excellent thermal stability (5% weight loss at 3000°C) allows very high processing temperatures needed for engineering polymers like nylon. Also in rotomolding applications the thermal stability is advantageous.

DOSAGE : 0.3 to 0.5% depending on polymer type and application.