

## Synpro® CALCIUM STEARATE 114-40

## **Product Description**

Synopro® CALCIUM STEARATE 114-40 is a mid-level ash, free flowing, non-caking powder product specifically designed for rigid PVC, Fiber Reinforced Polymer (FRP), Bulk Molding Compounds (BMC), Sheet Molding Compounds (SMC), and Phenolic applications. It is a multifunctional (external / internal) lubricant and fusion promoter for rigid PVC. It provides mold release and optimum viscosity control in Bulk / Sheet Molding Compounds. Additionally used in Polyolefins due to its low ash content which increases polymer miscibility while minimizing gel formation and plate-out / build-up on the extruder screen-packs during processing.

Synpro® CALCIUM STEARATE 114-40 is listed in NSF / ANSI International Standard 14 – Plastics Piping System Components and Related Materials. Additionally it is suitable for use in food packaging applications in accordance with many FDA Code of Regulations; an updated complete list is available upon request.

## Safety and Handling

Complete toxicity and handling information can be found on the Material Safety Data Sheet (MSDS), which is available upon request.

## **Typical Properties**

AppearanceWhite free-flowing powderAsh (CaO)10.1%Free Fatty Acid0.2%Moisture2.6%Melting Point $155^{\circ}C$ Apparent Density0.4 g/ccFineness (Sieve) $\geq 98\%$  through 200 Mesh

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