



Product Information

CODE 5871

CALCIUM STEARATE STANDARD HYDENSE®

Description Medium to high bulk density, free flowing powder.

Properties	Test	Specification	Typical Property
	Total Ash (%)	9.0-12.0%	9.9%
	Free Fatty Acid (%)	1.0% max.	0.1%
	Moisture (%)	3.5% max.	2.9%
	Sieve US Std. 20 Mesh	95% min. through	>99%
	Sieve US Std. 40 Mesh	Report % through	>99%
	Sieve US Std. 200 Mesh	Report % through	<50%
	Bulk Density	Report lb./ft ³	25

Features Calcium Stearate Standard is produced from a high quality, tallow derived fatty acid for polymer applications, particularly polyolefins and PVC, requiring a free flowing processing aid with good handling and feeding characteristics.

Performance The basic nature of HyDense Calcium Stearate makes it an effective acid scavenger for polyolefin and polyvinyl chloride processing.

Relatively low ash content and good dispersibility make the product especially suited for polyolefin film where relatively fine extruder screen packs are used and for the most critical PVC profile extrusion processes.

A unique particle size distribution with relatively high surface area help dissipate static electricity build-up when admixed with PVC powders and contributes to better control over fusion times in PVC compounding and extrusion.

The relatively high apparent density and good flow and handling characteristics help prevents problems with bridging and caking in most bulk handling, conveying and automated weighing and metering systems.

Quality Control A modern, state-of-the-art plant process with strict control ensures consistent quality in chemical and mechanical properties.

Regulatory Meets FDA requirements under 21 CFR for indirect food contact applications. NSF Standard 14 listed ingredient for use in potable pipe.

Packaging Standard packaging is in 1800 lb. and 2000 lb. supersacks. Packaging in Kraft paper multiwall bags on stretch wrapped pallets is available.

Storage Storage in dry areas at normal ambient temperatures is recommended. Open containers of unused product should be firmly closed for storage.

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