

## COAD<sup>®</sup> 10C Calcium Stearate

### DESCRIPTION

COAD<sup>®</sup> 10C Calcium Stearate is a high grade calcium stearate developed for the PVC processing industry. It has low chloride content, low specific surface, exhibits excellent heat stability properties for high temperature processing, and provides mold release properties critical for thermoplastics and thermoset molding. COAD<sup>®</sup> 10C Calcium Stearate meets the requirements of PPI TR-2 and NSF Standard 14 for potable water.

### TYPICAL PROPERTIES

Total Ash, %	10.3
Moisture, %	2.5
Free Fatty Acid, %	0.2
Soluble Salts, %	Nil
Softening Point, C	155
Apparent Density, lbs/ft <sup>3</sup>	17
Mean Particle Size, microns	8.5
Top Size %98, microns	28
% Thru 325 Mesh	100
Appearance	Free flowing white powder

### APPLICATIONS

- **Rigid PVC compounds:** COAD<sup>®</sup> 10C Calcium Stearate acts as a dispersing aid during the blending cycle, as a lubricant and processing aid during extrusion, and as a mold release agent for injection molding. It also improves stability by neutralizing acidic decomposition products in the polymerization of certain polyolefins.
- **Polyester molding compounds:** COAD<sup>®</sup> 10C Calcium Stearate is an excellent mold release agent for matched metal die molding under certain conditions.
- **Rubber molding compounds:** COAD<sup>®</sup> 10C Calcium Stearate acts as an anti-sticking agent for rubber slab where a dry powder is preferred. It is useful for applications with zinc discharge limitations.
- **Waterproofing:** COAD<sup>®</sup> 10C Calcium Stearate may be employed in concrete and mortar admixtures to impart water repellency and to improve flow and release properties of the dry mix.

## ADDITIONAL INFORMATION

- Other – See SDS for COAD® 10C Calcium Stearate for additional health, safety, and environmental information.
- Packaging – COAD® Calcium Stearates are packaged in various sized multiwall bags and supersacks, unitized on non-returnable wooden pallets. Please contact your Norac sales representative to discuss your special packaging requirements.