

## FEATURES

- ▶ Narrow Particle Size Distribution
- ▶ Ultrafine Particle Size
- ▶ Process Controlled Top Size
- ▶ Surface Treated for Improved Dispersion

## BENEFITS

- ▶ Builds true thixotropic, shear-thinning structure in polymer systems
- ▶ Improved sag and slump
- ▶ Improved yield value, viscosity and thixotropy
- ▶ Improved adhesion

# Calofort® SV14

## Precipitated Calcium Carbonate

### Product Description

CALOFORT® ultrafine precipitated calcium carbonate (pcc) products are manufactured at the Specialty Minerals Lifford plant in the UK. This stearate coated white microcrystalline powder is characterized by high surface area, controlled particle shape, and high whiteness. It is commonly used to modify rheology and reinforce in a variety of polymer systems.

CALOFORT SV14 is used in PVC plastisols, Modified Silicone Polymer, Silicone, 2K Polyurethane, Polysulphide and other sealant formulations where higher sag and slump resistance, high strength and elongation, and high viscosity control are required. In MS Polymer systems, CALOFORT SV14 offers improved dispersibility.

### Typical Physical Properties

+45 $\mu$ BS sieve residue (%)	0.3 max
Loss on Drying (@105°C for 2hrs.)	0.5 max
Coating Level, %	2.7-3.3
Surface Area (m <sup>2</sup> /gram)	19-25
Brightness (Hunter Y)	97.6
Yield stress in DOP/desiccant system dPa	1300-1900
Primary Particle Size (nm)	70
Bulk Density (g/ml)	0.20
Tap Density (g/ml)	0.30

\*\*Values listed are typical, not to be considered as specifications.

### Chemical Properties

Calcium Carbonate	98%
Moisture	<0.5%

## SALES OFFICES

Birmingham, UK  
0044-121-252-4500

Bethlehem, PA, USA  
001-800-801-1031

[www.mineralstech.com](http://www.mineralstech.com)

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