FEATURES

- Narrow particle size distribution
- Ultrafine particle size
- Process controlled top size
- Surface treated for improved dispersion

BENEFITS

Sealants & Inks

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

Polymer & Rubber

- Improved impact strength
- Higher gloss vs. other fillers
- Minimize impact modifier loading
- Reduced process aid, lower total cost formulation

CALOFORT®

Precipitated Calcium Carbonate

Product Description

CALOFORT® ultrafine precipitated calcium carbonate (PCC) products are manufactured at the Specialty Minerals Lifford plant in the UK. These stearate-coated white micro crystalline powders are characterized by high surface area, controlled particle shape, and high whiteness and are commonly used to modify rheology and reinforce in a variety of polymer systems.

CALOFORT® S provides improved properties to a number of applications including:
- Rigid PVC to increase impact strength and improve surface gloss and whiteness
- Plasticized PVC providing excellent scuff resistance and improved surface properties
- Rubbers for reinforcement properties and hot tear strength
- Solvent based paints and primers as an anti-settling filler
- Polyester moulding compounds as a reinforcing filler
- Plastic compounds as a carrier for additives

CALOFORT® SM provides slump resistance and viscosity control in polyurethane, polysulphide, and other polymer based sealant systems.

CALOFORT® SV 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. CALOFORT® SV is also used in high quality printing inks to improve rheological properties.

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*

	CALOFORT S	CALOFORT SM	CALOFORT SV	CALOFORT SV14
+45µ BS sieve residue (%)	0.3 max	0.3 max	0.3 max	0.3 max
Loss on Drying (@105°C for 2hrs.)	1.0 max	0.5 max	0.5 max	0.5 max
Coating Level, %	2.7-3.3	2.7-3.3	2.7-3.3	2.7-3.3
Surface Area (m^2/gram)	17-25	19-25	19-25	19-25
Brightness (Hunter Y)	97.6	97.6	97.6	97.6
Yield stress in DOP/desiccant system dPa	--	500-1100	1500-2200	1300-1900
Primary Particle Size (nm)	70	70	70	70
Bulk Density (g/ml)	0.25	0.25	0.20	0.20
Tap Density (g/ml)	0.38	0.38	0.30	0.30

*Values listed are typical, not to be considered as specifications of the product.

Specialty MINERALS
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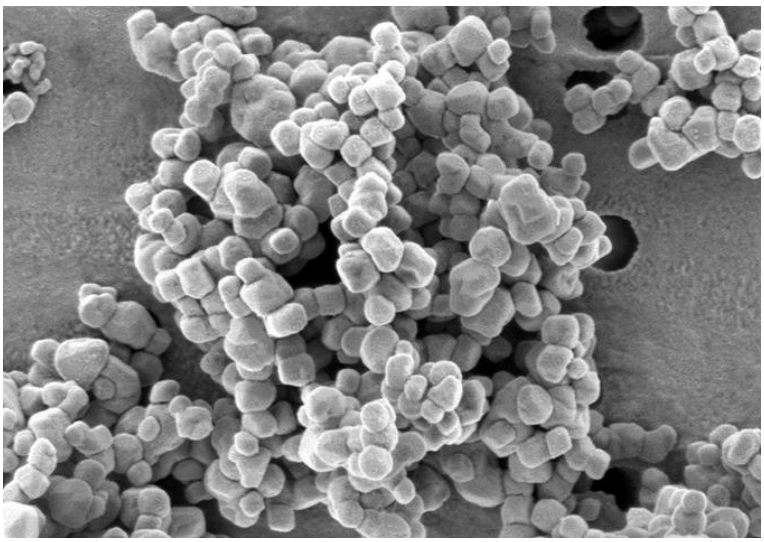
CALOFORT®

Precipitated Calcium Carbonate

Chemical Properties

Calcium Carbonate	98%
Moisture	<0.5%



SHIPPING INFORMATION

CALOFORT® precipitated calcium carbonate ships from Birmingham, UK.

Product is available in 25kg bags, big bags (FIBC), and bulk.

For availability and minimum order quantity, contact customer service.

SALES OFFICES

Birmingham, UK

0044-121-252-4500

Bethlehem, PA

800-801-1031

www.mineralstech.com

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A MINERALS TECHNOLOGIES COMPANY

03/2026

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