



CC-E Technical Data Sheet

CC-E is a ultra-fine calcium carbonate which has 60 nm of primary particle size. These particles are surface coated with fatty acids in order to improve dispersion property at the mixing stage with organic materials. CC-E will enhance the mechanical strength of polymer and other organic materials when used.

Properties:

	CC-E
Whiteness (%)	93 min.
Specific Gravity (g/cm ³)	2.56
Single Particle Size (um)	0.04 ~ 0.4
Bulk Density (g/mL)	0.80 max.
Surface Coating	Fatty Acid
DOP Content (mL/100 g)	16 ~ 30
CaCO ₃ Content (%)	96 min.
Moisture Content (%)	1.00 max
pH value	9.0 ~ 9.8

Preference application for CC-E:

1. Rubber: Tire, rubber cement, shoes sole, shoes tape & cement, conveyer belt, roller, rubber cloth, hose, electric wire, rubber thread and ball.
2. Printing Ink
3. EVA Sponge
4. TPR, TPE.

A guide for compound:

Compound	CC-E
Natural Rubber (NR)	Show the best results.
Isoprene Rubber (IR)	Show the best results.
Butadiene Rubber (BR)	Show satisfactory results.
Styrene-butadiene Rubber (SBR)	Show satisfactory results.
Chloroprene Rubber (CR)	Show satisfactory results.
Butyl Rubber (IIR)	Show excellent results.
Hypalon (CSM)	Show excellent results.
Reclaimed Rubber	Show excellent results.
Polyvinyl Chloride (PVC)	Show excellent results.

Storage:

CC-E have a shelf life of at least one year if they are stored in their original packaging at temperatures between 25 °C to 45 °C.

Paper bag should be tightly resealed each time material is taken, and their contents should be used up as soon as possible after they have been opened. Materials must be stored in cool and dry place.

Safety:

When using these products, the information and advice given in our **Safety Data Sheets** should be observed.

Due attention should also be given to the precaution necessary for handling chemicals.