

SHIRAISHI KOGYO KAISHA, LTD.

4-78, Motohama-cho, Amagasaki, 660-0085 JAPAN

Tel:+81-6-6417-3134 Fax:+81-6-6417-9591

E-mail:sales@kogyo.shiraishi.co.jp

HAKUENKA CCR

HAKUENKA CCR is a ultra-fine calcium carbonate which has 80 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.

HAKUENKA CCR is applied for various kinds of sealants such as construction where Polyurethane, Modified silicone, Silicone & Polysulfide type sealants are used. CCR is also able to apply to automobile application where PVC sol & Acrylic sol are used.

HAKUENKA CCR is commonly used as other application for rubber, plastics and so on.

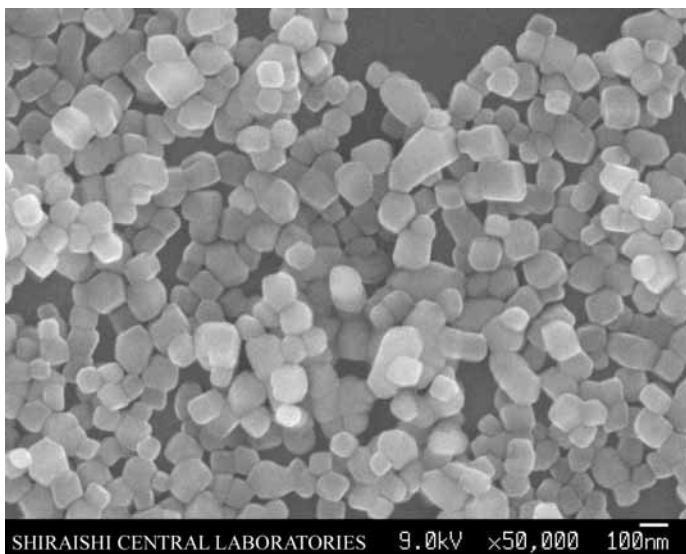
Crystal Properties

Crystal Structure		Calcite
Particle Shape		Cubic
Specific Gravity	g/cm ³	2.52
Refractive Index		1.5-1.7

Powder Properties (Typical)

Whiteness	%	95
BET Specific Surface Area	m ² /g	17.0
pH (Reference)		9.2
Average Particle Size	nm	80
Moisture	%	0.4

SEM Image
× 50,000



Classification

Molecular Formula	CaCO ₃
CAS Number	471-34-1