

SHIRAIISHI KOGYO KAISHA, LTD.

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

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

E-mail:sales@shiraishi.co.jp

HAKUENKA DD

HAKUENKA DD is our original Ultra-fine precipitated calcium carbonate coated with organic compounds. It was originally developed for reinforcing rubber materials in the early 20th century. **HAKUENKA DD** has 50 nm uniformed ultra-fine particles as primary particle. These particles are surface treated with rosin acid in order to provide compatible surface modification when it is mixed with organic materials or with vehicle or diluents.

HAKUENKA DD is specially applied for off-set ink, natural and synthetic rubber application.

HAKUENKA DD is also used as other application such as printing ink, rubber and so forth.

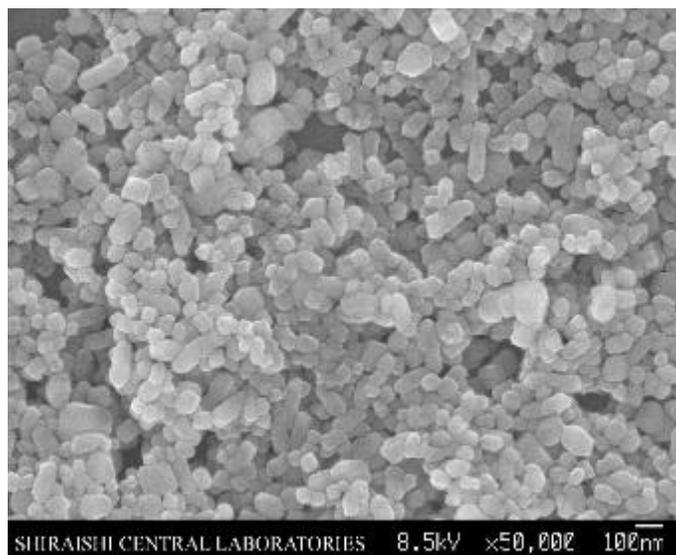
Crystal Properties

Crystal Structure		Calcite
Particle Shape		Cubic
Specific Gravity	g/cm ³	2.57
Refractive Index		1.5-1.7

Powder Properties (Typical)

Whiteness	%	91
BET Specific Surface Area	m ² /g	26.0
pH (Reference)		9.0
Average Particle Size	nm	50
Moisture	%	0.5

SEM Image
× 50,000



Classification

Molecular Formula	CaCO ₃
CAS Number	471-34-1