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HAKUENKA T-DD

HAKUENKA T-DD is a ultra-fine calcium carbonate which has 80 nm of particles as primary particle. These particles are surface coated with rosin acids in order to provide compatible surface modification when it is mixed with vehicle or diluents.

HAKUENKA T-DD is applied for both ink and paint application.

HAKUENKA T-DD is commonly applied to off-set printing ink and gravure ink for better transparency.

Crystal Properties

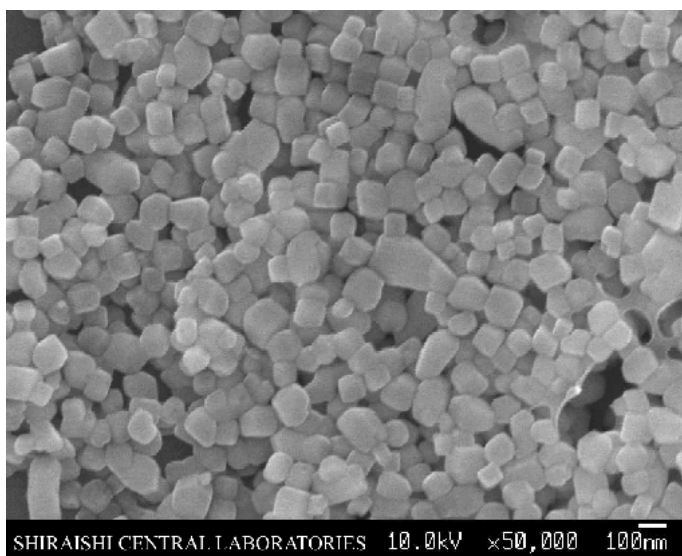
Crystal Structure		Calcite
Particle Shape		Cubic
Specific Gravity	g/cm ³	2.57
Refractive Index		1.5-1.7

Powder Properties (Typical)

Whiteness	%	92
BET Specific Surface Area	m ² /g	17.0
pH (Reference)		9.0
Average Particle Size	nm	80
Moisture	%	0.4

SEM Image

× 50,000



SHIRAISHI CENTRAL LABORATORIES 10.0kV ×50,000 100nm

Classification

Molecular Formula	CaCO ₃
CAS Number	471-34-1