

TECHNICAL DATA SHEET

Pearlescent Pigment ChemTech CT0869

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SPECIFIC PRODUCT DATA

Appearance	Powder
Colour	White with a slight golden sheen
Particle size, μm	40 – 200
Density, g/cm^3	2.8 – 3.4
Tap density, g/cm^3	1.1 – 1.3.
pH (10% aqueous slurry)	7 – 11
Oil absorption, g/100g	70 – 90
Loss on drying (4h at 105°C), wt%	≤ 0.5
Shelf life after inspection date	Unlimited term

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Identifiers	%
Synthetic mica	CAS-No.: 12003-38-2	40.2 – 47.8
Flaked glass	CAS-No.: 65997-17-3	28.4 – 35.4
Titanium dioxide	CAS-No.: 13463-67-7	11.8 – 17
Silver	CAS-No.: 7440-22-4	7.2 – 11.2
Tin dioxide	CAS-No.: 18282-10-5	≤ 1

Description:

- Mixture of synthetic mica flakes coated with multiple layers of metal oxides with silver coated glass flakes.
- Chemically resistant in water and solvent based systems.
- Applicable for indoor and outdoor.
- Suitable for screen and gravure printing, as well as other coatings.
- Comparing with other similar products has much higher sparkling luster. Depending on a concentration has different visual effects.

ADDITIONAL INFORMATION

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