

TECHNICAL DATA SHEET

Pearlescent Pigment ChemTech CT1305A

TDS Ref.: CT1305A_TDS
Version: 24/1

Issue date: 2024-08-22

SPECIFIC PRODUCT DATA

Appearance	Powder
Colour / Effect	Gold
Material type	Artificial mica
Particle size (D10 - D90), μm	10 - 60
Relative density, g/cm^3	3.1 - 3.5
Bulk density, $\text{g}/100\text{ml}$	30 - 50
pH 10% Aqueous Slurry	5 - 9
Oil absorption, $\text{g}/100\text{g}$ powder	60 - 90
Shelf life after the inspection date, months	Unlimited

COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Identifiers	%
Artificial mica	CAS-No.: 12003-38-2	30 - 40
Iron (III) Oxide	CAS-No.: 1309-37-1	12 - 16
Titanium Dioxide	CAS-No.: 13463-67-7	48 - 54
Tin Dioxide	CAS-No.: 18282-10-5	≤ 1

DESCRIPTION

Artificial mica flakes coated with multiple layers of metal oxides.

Non-toxic. Chemically resistant in water and other solvents. Good light stability enables indoor and outdoor application.

The pigment is suitable for various industrial applications. Its concentration depends on an application type and desired effect. The most visible result can be achieved in a transparent and glossy system.

The pigment can be used in combination with other effect materials and colourants.

For more precise recommendations, please contact ChemTech team member.

Standard packaging is a 25 kg carton box with an inner plastic bag. Customised packaging is available.

Pearlescent pigment should be stored in the original tightly sealed shipping packaging in dry conditions.

ADDITIONAL INFORMATION

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