

TECHNICAL DATA SHEET

Fluorescent Pigment ChemTech APW15

TDS Ref.: APW15_TDS
Version: 1/24

Issue date: 2024-09-06

SPECIFIC PRODUCT DATA

Appearance	Powder
Colour	Orange Yellow
Material type	Polymer
Particle size, μm	≤ 3
Light fastness	2 – 3 class
pH 10% aqueous slurry	5 - 7
Tinting strength, %	100 ± 5
Bulk density, g/cm^3	0.6
Heat resistance, $^{\circ}\text{C}$	240
Decomposition temperature, $^{\circ}\text{C}$	≥ 270
Shelf life after the inspection date, months	60

COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Identifiers	%
BENZOGUANAMINE FORMALDEHYDE RESIN	CAS-No.: 68002-26-6	≥ 98
Rhodamine 6G	CAS-No.: 989-38-8	≤ 2
Basic Violet 11:1	CAS-No.: 73398-89-7	≤ 2
C.I. Solvent Yellow 135	CAS-No.: 144246-02-6	≤ 2

DESCRIPTION

The fluorescent pigment is based on a thermosetting resin with a bright colour, strong glowing effect and good dispersing properties. The product shows high heat- and migration-resistance properties.

Non-toxic. Chemically resistant in water and other solvents.

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 20 / 25 / 30 kg carton box with an inner plastic bag. Customised packaging is available.

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

ADDITIONAL INFORMATION

The information in this TDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This TDS was prepared and is to be used only for this product. If the product is used as a component in another product, this TDS information may not be applicable.