

TECHNICAL DATA SHEET

PU Powder ChemTech SFP50T

TDS Ref.: SFP50T_TDS
Version: 24/1

Issue date: 2024-09-10

SPECIFIC PRODUCT DATA

Appearance	Powder
Effect	Roughly Matt
Material type	Polymer
Particle size, μm	50
Relative density, g/cm^3	1.1 – 1.2
Bulk density, g/cm^3	0.6 – 0.7
Oil absorption, $\text{g}/100\text{g}$	45 - 55
Shelf life after the inspection date, months	12

COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Identifiers	%
Polyurethane	CAS: polymer	96.5 – 97.5
Silicon dioxide	CAS No: 7631-86-9	2.5 – 3.5

DESCRIPTION

The product consists of solid ideally spherical beads made of polyurethane and silicone elastomers with a narrow particle size distribution.

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

The material provides a pleasant tactile and good matting effect, abrasion and scratch resistance, when used in coatings. Its concentration depends on an application type and desired result.

PU powder 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 kg carton box with an inner plastic bag. Customised packaging is available.

PU powder should be stored in the original tightly sealed shipping packaging in dark and dry conditions.

ADDITIONAL INFORMATION

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