

TECHNICAL DATA SHEET

Aluminium Pigment ChemTech WZ10

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SPECIFIC PRODUCT DATA

Appearance	Powder
Colour / Effect	Silver
Material type	Aluminium
Particle size (D50), μm	10
Particle shape	Silver-dollar
Relative density, g/cm^3	2.70 – 2.73
Bulk density, g/cm^3	0.8 – 1.2
Melting temperature, $^{\circ}\text{C}$	650 - 690
Shelf life after the inspection date, months	Unlimited

COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Identifiers	%
Aluminium powder (stabilized)	CAS-No.: 7429-90-5	93 - 97
Silicon dioxide	CAS-No.: 7631-86-9	2 - 4
2-Propanol	CAS-No.: 67-63-0	1 - 3

DESCRIPTION

A small particle size silica-coated non-leaving aluminium pigment with a silver-dollar particle shape.

The product is suitable for different industrial indoor and outdoor applications, including powder coating. It can be used in combinations with various water- and solvent-based systems.

The most visible result can be achieved in a transparent and glossy system. The pigment can be mixed with other effect materials and colourants.

For more precise recommendations, please contact ChemTech team member.

High shear mixing should be avoided as this can damage the pigment particles reducing the metallic effect and aluminium protection (resistance).

Aluminium pigment should be stored in the original shipping packaging and kept tightly sealed.

Store drums or boxes in a cool, dry, well-ventilated, and properly rated area.

Avoid any conditions that will suspend or float the particles in the air, creating a dust cloud. Avoid all possible sources of ignition.

ADDITIONAL INFORMATION

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