

TECHNICAL DATA SHEET

Aluminium Pigment ChemTech WZ60

TDS Ref.: WZ60_TDS
Version: 1.0

Issue date: 2024-09-05

SPECIFIC PRODUCT DATA

Appearance	Powder
Colour / Effect	Silver
Material type	Aluminium
Particle size (D50), μm	60
Particle shape	Silver-dollar
Relative density, g/cm^3	2.70 – 2.73
Bulk density, g/cm^3	1.45 – 1.65
Shelf life after the inspection date, months	Unlimited term

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 large particle size silica-coated non-leafing 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

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.