

Technical Data Sheet

Zirconium Silicate Powder

Product ID:	40140800PDD001		
Formular:	ZrSiO ₄	Molecular weight:	183.30 g/mol
CAS No.:	10101-52-7	EINECS No.:	233-252-7
Color:	Light gray-white		
Description:	High refractive index, excellent whiteness and opacity, high temperature resistance, chemical corrosion resistance, and good thermal stability.		
Application:	Ceramic glazes and pigments, coatings, plastics, rubber, and refractory materials.		

Product

Image:



1. Physical Properties

Product ID	Formula	Average Size
40140800PD001	ZrSiO ₄ (99% Zr+Hf)	D50< 2μm
40140800PDDZ	ZrSiO ₄ (99% Zr+Hf)	Customized

2. Chemical compositions

Element Typical Value Purity	Chemical Composition (wt%)		
	Zr(Hf)O ₂	Fe ₂ O ₃	TiO ₂
99.9% (Zr+Hf)	≥ 64.0	≤ 0.15	≤ 0.20

Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.

3. Packaging

Packed in 25kg/bag, 40kg/bag or 1000kg/bag, etc.
Customized Packaging

4. Period of Validity

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

When using, wear appropriate protective equipment to prevent dust inhalation.

Store in a tightly sealed container in a cool, dry place to prevent moisture absorption and contamination.

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