

**NS6130-12-000707**

## Quick Facts

Product	:	Phosphotungstic Acid Zirconium
Stock No	:	NS6130-12-000707
CAS	:	51312-42-6
Molecular Formula	:	Zr <sub>2</sub> [WO <sub>4</sub> ][PO <sub>4</sub> ] <sub>2</sub>
Purity	:	99%

# PHOSPHOTUNGSTIC Acid Zirconium

**Purity**  
99%

## Technical Specification

Density	APS
3.90 Mgm-3	<80 µm

Phosphotungstic acid zirconium, or PTA-Zr, is a composite material composed of phosphotungstic acid and zirconium. PTA-Zr has been used in a variety of applications, including catalysis, electrochemistry, and material science. Its catalytic properties have been used in the conversion of biomass-derived molecules, such as sugars and cellulose, to useful chemicals. PTA-Zr has a high surface area, which makes it useful for catalytic reactions and as a support for other catalysts. It also has good thermal stability and can be used in high-temperature reaction

**Zr<sub>2</sub>[WO<sub>4</sub>][PO<sub>4</sub>]<sub>2</sub>**

**APS <80 µm**



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