



# 绵竹耀隆化工有限公司

## Sunshine Factory Co., Ltd

Zirconium phosphate is acidic, insoluble in water nor organic solvents, inorganic cation exchange material that has a layered structure. Zirconium phosphate has high thermal and chemical stability, solid state ion conductivity, resistance to ionizing radiation, and the capacity to incorporate different types of molecules with different sizes between their layers.

### ■ Zirconium Phosphate ( $\alpha$ -ZrP)

**Also :** Zirconium Hydrogen Phosphate

**Chemical Formula:**  $\alpha$ -Zr (HPO<sub>4</sub>)<sub>2</sub>·H<sub>2</sub>O

**Numerator Structure:** 

**CAS No. :** 13772-29-7

**Form & Appearance :** White Powder

**Packing:** Neutral packing

### ■ Analytical Value Typical Specifications

Item	Index
Appearance	White powder
Whiteness	$\geq 96$
Particle Size	D50<1.2um
Moisture	wt% $\leq 0.8$
PH Rate	4.5 $\pm$ 0.5
Temperature Resistance	>1000℃
Ignition Loss	$\leq 1\%$
Content of Zr	$\geq 48\%$