

Zirconium Silicate

Grey white powder with good chemical stability.

Product Code	Chemical Formula	Analytical Value Typical Specifications						Applications
		ZrO ₂ +HfO ₂ (Min%)	Fe ₂ O ₃ (Max%)	TiO ₂ (Max%)	Ig.loss (Max%)	Average Particle Size D ₅₀ (μm)	Form & Appearance	
OZ-A	ZrSiO ₄	64.35	0.14	0.14	0.69	1.0	Grey white	Glass additive, sanitary ware, tiles and other ceramic glaze, micro granule.

Fused Zirconia

Light yellow powder with good chemical stability.

Product Code	Chemical Formula	Analytical Value Typical Specifications							Applications
		ZrO ₂ +HfO ₂ (Min%)	SiO ₂ (Max%)	Fe ₂ O ₃ (Max%)	TiO ₂ (Max%)	Al ₂ O ₃ (Max%)	Average Particle Size D ₅₀ (μm)	Form & Appearance	
ZCO-GF-1	ZrO ₂	98.50	0.40	0.04	0.25	0.35	14~16	Light yellow	Ceramic pigment, Glass additive, Refractory material, Nuclear power
ZCO-GF-3	ZrO ₂	98.50	0.40	0.04	0.25	0.35	5~6	Light yellow	Ceramic pigment, Glass additive, Refractory material, Nuclear power

Zirconium Sponge

Silver grey granular metal and of luster, melting point 1852°C, boiling point 4377°C, density 6.49. Zirconium can absorb hydrogen, nitrogen and oxygen easily. The chemical stability of zirconium is more stable in the air.

Product Code	Chemical Formula	Chemical Composition(%)									
		Zr+Hf	Hf	Ni	Cr	Al	Mg	Mn	Pb	Ti	
HZr-1	Zr	>99.4	<3.0	<0.010	<0.020	<0.03	<0.06	<0.010	<0.005	<0.005	
			V	Cl	Si	O	C	N	H	Fe	
			<0.005	<0.13	<0.010	<0.1	<0.03	<0.010	<0.0125	<0.1	
HZr-01	Zr	>99.4	Zr	Hf	Co	Sn	Ni	Cr	Al	Mg	Mn
			<0.008	<0.001	<0.005	<0.007	<0.010	<0.0075	<0.015	<0.0035	
			Pb	Ti	V	Cd	Fe	Cl	Si	B	
			<0.005	<0.005	<0.005	<0.00005	<0.08	<0.030	<0.007	<0.00005	
			H	Cu	W	Mo	O	C	N		
<0.0025	<0.003	<0.005	<0.005	<0.070	<0.010	<0.005					

Applications : Applied in aerospace, metallurgy, alloy additive, anti-corrosion equipment, getter and other industry.