

# Zirconium Hydroxide

Zirconium hydroxide is a kind of water insoluble,alkaline slightly stronger amphoteric hydroxide,the appearance of white powder solid,widely used in various chemical industry.

Application:

Used in the manufacture of other zirconium compounds,pigments,dyes,glass,etc.Mainly used in the preparation of zirconium and zirconium compounds,also used in plastics,rubber ,ion exchange resins and other industries of filler,catalyst,deodorant and pigment.

Used as an analytical reagent,also used in the preparation of chromium compounds and pigment preparation;Used as intermediate in other zirconium products.

Product Name	Zirconium Hydroxide	Product Specifications	SYP200
Product Lot	H230410	ProductQuantity	1000kg
Test items	Unit	Analysis results	Testing instruments and standards/methods
ZrO(OH)2	(wt)%	>99.96	Shimadzu, ICP
ZrO2	(wt)%	>87%	
SiO2	(wt)%	0.007	
Fe2O3	(wt)%	0.001	
TiO2	(wt)%	0.0014	
Bulk Density	g/cm <sup>3</sup>	0.63	Hall flowmeter
Specific Surface Area	m <sup>2</sup> /g	277.6	DA, BET
L. O. I	(wt)%	11	Resistance Furnace, 1050°C 1h
Particle Size(D50)	μm	126.867	Marvem Mastersize2000 Laser particle size analyzer
D10	μm	9.528	
D90	μm	420.815	