

# Zirconia Powder

Zirconia material is with excellent physical and chemical properties such as high hardness, high strength, high toughness, high wear resistance and chemical resistance, etc. Zirconia has been widely used in various fields such as ceramics, refractory materials, machinery, electronics, optics, aerospace, biology, chemistry and so on.



	Type	SYH990	SY-H9995	SY-D993	SY-D930	SY40285
	Crystalline Phase	Monoclinic Phase	Monoclinic Phase	Monoclinic Phase	Monoclinic Phase	Monoclinic Phase
Chemical	ZrO <sub>2</sub> (+H <sub>2</sub> O)	99.9	99.5	Monoclinic	Monoclinic	Monoclinic
	Al <sub>2</sub> O <sub>3</sub>	0.005	0.005	Phase	Phase	Phase
	SiO <sub>2</sub>	0.005	0.01	0.2	0.3	0.6
	Fe <sub>2</sub> O <sub>3</sub>	0.003	0.005	0.04	0.05	0.05
	CaO	0.003	0.005	-	-	-
	MgO	0.003	0.005	-	-	-
	TiO <sub>2</sub>	0.001	0.003	0.13	0.13	0.2
	Na <sub>2</sub> O	0.001	0.005	-	-	-
	C+ (ppm)	200	300	-	-	-
	Burning reduction%	0.8	0.8	-	-	-
	Moisture %	0.5	0.5	0.3	0.3	0.3
	Particle Size ratio table	Can be customized according to customers, requirements				