

Industry Yttrium stabilized Zirconia Powder

工業用イットリウム安定化ジルコニア

We produce YSZ powder by self-propagating hydrolysis process. Based on different content of Y_2O_3 , we can produce different YSZ powder. Normal products are 3mol-YSZ powder-based, divided into compacted powder and non-compacted powder depending on the customers' requirements. The physical properties could meet customers' different requirements for dry pressing, isostatic pressing, injection, casting, injection moulding, slip casting and so on.

Pd id Co	SY	SY	SY-	SY	SY-13Y
2:02% (+H#C2)	017	26	01.5	88.5	79.697
Y2O3 (w)	5.2±0.2	7.0±0.3	8.5±0.3	13.5±0.3	205±0.3
A2O3%S	0.01	0.01	0.01	0.01	
S02%S	0.01	0.01	0.01	0.01	0.012
Fe2O3%S	0.01	0.01	0.01	0.01	0.0007
CaO	0.006	0.006	0.005	0.005	
MoO3	0.006	0.006	0.005	0.005	
TiO2%S	0.002	0.002	0.002	0.002	0.001
Na2O%S	0.005	0.006	0.005	0.005	
Q-s	0.01	0.01	0.01	0.01	0.03
UsagR			*	*	*
NOTE	sands for mostly commonly used.				

