

Product: FSD-S (CaO-stabilized fused zirconia)

Item	Standard					
Chemical composition	X-ray fluorometry					
ZrO <sub>2</sub>	94.0% min (100 - SiO <sub>2</sub> , CaO, TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> )					
SiO <sub>2</sub>	0.3% max					
TiO <sub>2</sub>	0.4% max					
Fe <sub>2</sub> O <sub>3</sub>	0.3% max (#8, #20, #40, #100)					
	0.4% max (#200, #350)					
CaO	3.5-4.3%					
Grade	Particle size standard					
#8	2.8 mm	2.36 mm	1.7 mm	1.18 mm	850 μ	JIS R6002
	0%	5% max	10-45%	55-85%	90% min	
#20	1 mm	850 μ	710 μ	500 μ	425 μ	JIS R6002
	0%	5% max	5-30%	55-85%	90% min	
#40	500 μ	425 μ	355 μ	250 μ	150 μ	JIS R6002
	0%	5% max	5-30%	40-80%	95% min	
#100	180 μ	150 μ	106 μ	75 μ	45 μ	JIS R6002
	0%	5% max	25-65%	70-95%	95% min	
#200	106 μ	90 μ	75 μ	45 μ		
	0%	5% max	10% max	30-60%		
#350	106 μ	90 μ	75 μ	45 μ		
	0%	1% max	5% max	30% max		
Stabilization	70-90%, X-ray analysis					
Package	5-ply kraft paper sack					
Net weight	25.0-25.04 kg/sack					