

WANG & STEINBACH TECHNOLOGY

ZrO₂ Specification

Product code		ZrO ₂		
ZrO ₂ content%		95.7		
Color		Ivory		
Chemical Compositions%	Mgo	4.17		
	SiO ₂	0.01		
	AL ₂ O ₃	0.11		
	Fe ₂ O ₃	0.01		
Properties		Units	Test	ZrO ₂ 96
Purity		%		ZrO ₂ 95.7
Specific gravity			ASTM C373-72	6.05
Hardness		HV	100-glad	1500
Electrical strength		MPA	ASTM F417-75T	320
Crystal size		micrometers		0.4
Water absorption		%	ASTM C373-72	None
Coefficient of linear Thermal expansion	20-200°C	10 ⁻⁶ /°C	ASTM C372-56	8.8
	25-400°C			9.4
	25-600°C			9.8
	25-800°C			10.2
	25-1000°C			10.3