

Coating Code		Z	Z2	Z3	Z4	ZY	YY
Coating Properties	Main Component	ZrO ₂ Ytria-stabilized				ZrO ₂ Ytria-stabilized	Y ₂ O ₃
	Bulk Specific Gravity	3.7	4.2	3.8	3.4	-	-
	Porosity(%)	36	30	29	41	-	-
Coat Component	ZrO ₂	91.0	91.8	84.4	90.8	91.8	-
	Y ₂ O ₃	8.0	7.9	15.5	8.1	8.0	99.9
	CaO	0.24	0.09	-	0.39	-	-
	SiO ₂	0.24	0.07	<0.01	0.06	<0.01	-
	Al ₂ O ₃	0.30	-	0.07	0.13	0.05	-
	TiO ₂	0.20	0.10	0.02	0.13	0.09	-
	Fe ₂ O ₃	0.05	0.06	0.01	0.04	0.01	0.05
Coatable materials		alumina, mullite	alumina, mullite, cordierite	mullite	alumina, mullite	115 214 663	115 214
Coating Method		Spraying + Sintering				Thermal spraying	

*The data are representative values, not guaranteed values.

