



BlueSpeed

Kaolin (1/2)

Component	PI-96 (noodles)	PI-95 (M)	PI-94	PI-92	PI-90	1RL
Thermal Weight Loss	13.56%	13.81%	14.82%	13.31%	13.19%	10.85%
Silica (SiO ₂)	45.85%	48.10%	47.57%	45.90%	46.40%	51.62%
Iron (Fe ₂ O ₃)	0.29%	0.30%	0.35%	0.54%	0.30%	1.53%
Alumina (Al ₂ O ₃)	38.99%	35.43%	35.48%	38.70%	38.19%	33.77%
Potassium (K ₂ O)	0.05%	0.20%	0.04%	0.07%	0.08%	0.21%
Sodium (Na ₂ O)	0.05%	0.24%	0.05%	0.04%	0.10%	0.14%
Calcium (CaO)	Trace	0.31%	0.15%	Trace	Trace	Trace
Magnesium (MgO)	0.10%	0.32%	0.11%	0.11%	0.17%	0.29%
Titanium (TiO ₂)	0.85%	1.28%	1.18%	1.10%	1.29%	1.32%



BlueSpeed

Kaolin (2/2)

Component	PI-96 (noodles)	PI-95 (M)	PI-94	PI-92	PI-90	1RL
Firing Whiteness	92.00%	87.59%	89.20%	89.90%	81.60%	63.00%
L-Value	95.89%	94.54%	95.33%	94.83%	93.07%	87.71%
A-Value	0.40%	1.23%	0.56%	0.65%	0.72%	1.72%
B-Value	3.39%	3.00%	3.78%	3.30%	5.90%	11.70%
Firing Color	Snow white	Cream	White	White	Cream	Pink
Shrinkage	5.80%	4.75%	5.80%	5.20%	7.56%	9.00%
Firing Temperature (°C)	1,220.00	1,220.00	1,220.00	1,220.00	1,220.00	1,220.00
Residue 325#	0.34%	0.25%	0.36%	0.24%	0.88%	1.08%
Plasticity Moisture	36.00%	34.00%	38.00%	41.00%	46.00%	41.00%
Water Absorption	15.56%	14.30%	15.42%	19.24%	17.09%	15.81%
Dry M.O.R Kg/cm ²	15	24.31	10	12	10	10
Firing M.O.R Kg/cm ³	120	237.66	140	140	145	110