

Comparison Data for PMC

Original PMC

fired at 900° C
(1650° F)

Sintering Time (minutes)	Shrinkage in Size %	Specific Gravity in g/cm ³	Hardness (Hv)
5	9.6	5.4	18
15	15.8	6.4	19
30	20.2	7.2	30
60	23.1	7.7	29
120	24.0	7.9	37

PMC+

fired at 900° C
(1650° F)

Sintering Time (minutes)	Shrinkage in Size %	Specific Gravity	Hardness (Hv)
5	9.3	9.0	29
15	11.6	9.1	35
30	13.6	9.2	39
60	13.5	9.5	39
120	13.7	9.8	40

PMC 3

fired at 700° C
(1290° F)

Sintering Time (minutes)	Shrinkage in Size %	Specific Gravity	Hardness (Hv)
5	1.6	8.2	22
15	11.8	9.1	29
30	12.7	9.2	35
60	13.0	9.4	35
120	14.2	9.5	38

PMC 3

fired at 900° C
(1650° F)

Sintering Time (minutes)	Shrinkage in Size %	Specific Gravity	Hardness (Hv)
5	13.1	9.3	40
15	13.7	9.5	40
30	14.3	9.5	40
60	14.6	9.6	41
120	14.8	9.9	41

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