



DYNAMIC EXIM CORPORATION

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Low Porosity Calcined Kaolin (Mullite)

PRODUCT SPECIFICATION

MATERIAL GRADE	CKRM 60	CKRM 55	CKRM 50	CKRM 43
Calcination Media	Rotary Kiln	Rotary Kiln	Rotary Kiln	Rotary Kiln
Calcination Temp	1500°C	1500°C	1500°C	1500°C
Bulk Density	2.55±0.1 gm/cc	2.55±0.1 gm/cc	2.55±0.1 gm/cc	2.55±0.1 gm/cc
AP %	5±1	5±1	5±1	5±1
PCE	36 (O/C)	34 (O/C)	32 (O/C)	32 (O/C)

TYPICAL CHEMICAL ANALYSIS (MASS %)

Al ₂ O ₃	60±2	55±2	49±2	43±2
TiO ₂	5.5±0.5	5.5±0.5	5.5±0.5	5.5±0.5
Fe ₂ O ₃	1.2±0.1	1.4±0.1	1.4±0.1	1.4±0.1
CaO	0.4	0.4	0.4	0.4

Calcined Kaolin for Refractory

PRODUCT SPECIFICATION

MATERIAL GRADE	CKR 6015	CKR 5515	CKR 5020	CKR 4315
Calcination Media	Rotary Kiln	Rotary Kiln	Rotary Kiln	Rotary Kiln
Calcination Temp	+1500°C	+1500°C	+1500°C	+1500°C
Bulk Density	2.5±0.1 gm/cc	2.5±0.1 gm/cc	2.5±0.1 gm/cc	2.4±0.1 gm/cc
AP %	10±1	10±1	10±1	10±1
PCE	35 (O/C)	34 (O/C)	34 (O/C)	32 (O/C)

TYPICAL CHEMICAL ANALYSIS (MASS %)

Al ₂ O ₃	60±2	55±2	50±2	43±2
TiO ₂	3.5±0.5	3.5±0.5	3.5±0.5	3.5±0.5
Fe ₂ O ₃	1.5±0.1	1.5±0.1	2±0.2	1.5±0.2
CaO	0.5	0.5	0.4	0.4