



SIAM ENGINEERING CERAMICS CO., LTD.

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CERRAM-70

SEC-Spec-Cerram-70 Rev.00

TECHNICAL DATA SHEET

CERRAM-70 is purity high dense bauxite, white fused alumina based with special binder from abroad, in type of phosphase-bonded plaster refractory. **CERRAM-70** is usually supplied ready mixed. This plaster refractory is suitable for use pathing in extremely severs condition with abrasion, slag and metal penetration at foundry ladle, furnace topping. High density and strength plaster refractory which resists thermal spalling.

PHYSICAL PROPERTIES :

Maximum Service Temperature	°C	1650
Maximum Grain Size of Aggregates	mm	5.0
Density		
- After heating at 1400°C	kg/ m ³	2.50
Refractoriness	PCE	36
Moisture Content	%	11-12

CHEMICAL ANALYSIS :

Alumina (Al ₂ O ₃)	%	78.0
Silica (SiO ₂)	%	20.4
Iron Oxide (Fe ₂ O ₃)	%	1.0

The above data are typical properties for the most commonly produced commercial sizes. All data subject to resonable deviation only, and should not be used for specification purposes. ASTM test methods, and SEC 's written procedure, where applicable used for determination of data.

"Quality and Services are Our Mission"