

GOLITE 95 C&G

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DESCRIPTION

Insulating refractory castable GOLITE 95 C&G is widely used as insulating backlining behind dense castables, especially in the petrochemical industry. GOLITE 95 C&G can be installed by casting or gunning. This material contains Portland Cement.

MATERIAL PROPERTIES

		CASTED	GUNNED	
Maximum Service Temperature		950	950	°C
Density	ISO 1927-6			
110 °C		800	850	kg/m ³
815 °C	indicative material consumption	750	800	kg/m ³
Maximum Grain Size		5	5	mm
Mixing Water per 100 kg dry material		65 - 75		liters

PHYSICAL PROPERTIES

		CASTED	GUNNED	
Cold Crushing Strength	ISO 1927-6			
110 °C		3	3	MPa
815 °C		2	2	MPa
Thermal Conductivity	ASTM C201			
110 °C		0,18	0,21	W/mK
600 °C		0,22	0,25	W/mK
815 °C		0,25	0,28	W/mK
Permanent Linear Change	ISO 1927-6			
110 °C	green to dried	0 - -0,4	0 - -0,4	%
815 °C	dried to fired	-1 - -3	-1 - -3	%

CHEMICAL ANALYSIS

	ISO 12677	
Al ₂ O ₃		12 %
SiO ₂		34 %

The values given above are typical, average values obtained under controlled conditions in accordance with the specified test methods and are subject to normal variation. The information contained in this datasheet is provided as a technical service and is, due to further product developments, subject to change without notice. Therefore, the values above should not be used for specification purposes and should not be considered as guaranteed values. Upon request additional parameters may be provided.

MSDS, Installation Guidelines and Dry Out curves are also available. Compliance Datasheets for job specific applications or job requirements can be made available upon request. Contact Gouda Refractories BV to obtain the latest available information.