

GEMINITE VACUUM CAST BOARDS & SHAPES

607 – SERIES

GEMINITE 607 IS A LOW BIOPERSISTANT FIBRE PROCESSED FROM A SLURRY CONSISTING OF SUPERWOOL BULK FIBRE AND ORGANIC BINDERS.

PHYSICAL PROPERTIES

COLOUR	WHITE
NOMINAL DENSITY	20-22 pcf
MAX TEMP RATING	2012°F
CONTINUOUS USE LIMIT	1832°F
MELTING POINT	2327°F
MODULUS OF RUPTURE	300 psi
COMPRESSIVE STRENGTH	
@ 5% DEFORMATION	55 psi
@10% DEFORMATION	60 psi
PERMANENT LINEAR CHANGE	
24HRS @ 1500°F	2.0%
24HRS @ 1800°F	2.5%

CHEMICAL ANALYSIS

SILICA, SiO ₂	67
ALUMINA, Al ₂ O ₃	TRACE
CALCIUM OXIDE+MAGNESIUM OXIDE, CaO+MgO	27
OTHER	1
LOSS OF IGNITION	4-7
ORGANIC MATERIAL	3-6

THERMAL CONDUCTIVITY ASTM 201 (BTU-IN/HRS-FT²-°F)

MEAN TEMPERATURE	
@500°F	0.39
@1000°F	0.65
@1500°F	1.04
@1800°F	1.35
@2000°F	-----

NOTE: THE VALUES GIVEN HEREIN ARE TYPICAL AVERAGE VALUES OBTAINED IN ACCORDANCE WITH ACCEPTED TEST METHODS AND ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. THEY ARE SUPPLIED AS A TECHNICAL SERVICE AND ARE SUBJECT TO CHANGE WITHOUT NOTICE. THIS DATA SHOULD NOT BE USED FOR SPECIFICATION PURPOSES.



REFRACTORY SOLUTIONS FOR INDUSTRY