



TECHNICAL DATA
FOR LIGHT WEIGHT BRICKS



BRAND NAME :	NT1.0 - 1400
TYPE OF PRODUCT :	FIRECLAY
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	1400
Bulk density , Gr/cm ³	1.0
Cold crushing strength , Kg/cm ²	40 – 60
Thermal expansion at 1000°C , %	0.5
Linear shrinkage after 24 hours at 1400°C , %	0.5
Thermal conductivity , Kcal/h.m.°C	
at 200°C	0.25
500°C	0.27
800°C	0.32

CHEMICAL ANALYSIS :

SiO ₂	51.6
Al ₂ O ₃	41.4
TiO ₂	2.6
Fe ₂ O ₃	1.9
CaO	0.7
Na ₂ O + K ₂ O + Li ₂ O	1.8

DIMENSION : 230×(114- 57)× 64mm Key

The data are subject to reasonable variations and therefore should not be used for specification purposes .

ASTM Test Methods , where applicable , used for determination of data .

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