



TECHNICAL DATA
FOR FIRECLAY BRICK



BRAND NAME :	NT18 - 32
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
P . C . E	31.5 – 32.5
Temperature equivalent , °C	1700 – 1722
Bulk density , Gr/cm ³	2.1 – 2.2
Apparent porosity , %	16 – 22
Cold crushing strength , Kg/cm ²	300 – 500
Modulus of rupture , Kg/cm ²	50 – 100
Linear change after heating at 1300°C , %	-0.9 to +0.5

CHEMICAL ANALYSIS :

SiO ₂	53.0
Al ₂ O ₃	41.0
Fe ₂ O ₃	2.8

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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