



TECHNICAL DATA

FOR FIRECLAY BRICK



BRAND NAME :	<u>NT18 - 33</u>
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
P . C . E	32.5 – 33.5
Temperature equivalent , °C	1722 – 1745
Bulk density , Gr/cm ³	2.2 – 2.3
Apparent porosity , %	14 – 20
Cold crushing strength , Kg/cm ²	300 – 500
Modulus of rupture , Kg/cm ²	50 – 100
Linear change after heating at 1300°C , %	-0.8 to +0.5

CHEMICAL ANALYSIS :

SiO ₂	55.0
Al ₂ O ₃	41.0
Fe ₂ O ₃	2.0

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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