



TECHNICAL DATA  
FOR LIGHT WEIGHT BRICKS  
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BRAND NAME :	<b>NT1.0 - 1260</b>
RAW MATERIAL BASIS :	<b>CHAMOTTE</b>
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	<b>1260</b>
Bulk density , Gr/cm <sup>3</sup>	<b>1.0</b>
Cold crushing strength , Kg/cm <sup>2</sup>	<b>20 – 25</b>
Thermal conductivity , Kcal/h.m.°c	
at 200°C	<b>0.19</b>
500°C	<b>0.24</b>
800°C	<b>0.29</b>

CHEMICAL ANALYSIS :  
(Calcined basis)

SiO <sub>2</sub>	<b>60.0</b>
Al <sub>2</sub> O <sub>3</sub>	<b>36.0</b>
TiO <sub>2</sub>	<b>1.0</b>
Fe <sub>2</sub> O <sub>3</sub>	<b>1.0</b>
CaO	<b>1.0</b>
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	<b>1.0</b>

DIMENSION : **230×114×64 & 76mm**  
**250×124×64 & 76mm**

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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