



TECHNICAL DATA

FOR LIGHT WEIGHT BRICKS

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BRAND NAME :

NT1.2 - 1260

TYPE OF PRODUCT :

FIRECLAY

PHYSICAL PROPERTIES :

|                                             |         |
|---------------------------------------------|---------|
| Maximum service temperature , °C            | 1260    |
| Bulk density , Gr/cm <sup>3</sup>           | 1.2     |
| Cold crushing strength , Kg/cm <sup>2</sup> | 45 – 80 |
| Thermal conductivity , Kcal/h.m.°C          |         |
| at 200°C                                    | 0.32    |
| 500°C                                       | 0.34    |
| 800°C                                       | 0.36    |

CHEMICAL ANALYSIS :

|                                                          |      |
|----------------------------------------------------------|------|
| SiO <sub>2</sub>                                         | 56.5 |
| Al <sub>2</sub> O <sub>3</sub>                           | 37.0 |
| TiO <sub>2</sub>                                         | 2.2  |
| Fe <sub>2</sub> O <sub>3</sub>                           | 2.8  |
| CaO                                                      | 0.7  |
| Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O | 0.8  |

DIMENSION :

230×114×64mm  
250×124×64mm

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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