



TECHNICAL DATA
FOR HEAT SET PLASTIC



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| BRAND NAME : | NP14 - 45 |
| RAW MATERIAL BASIS : | FIRECLAY |
| PHYSICAL PROPERTIES : | |
| Maximum service temperature ,°C | 1540 |
| Amount required for ramming , Kg/m ³ | 2150 |
| Bulk density , Kg/m ³ after drying at 110°C | 2000 |
| Cold crushing strength , Kg/cm ² after drying at 110°C | 50 – 70 |
| after heating at 1480°C | 120 – 200 |

CHEMICAL ANALYSIS :
(calcined basis)

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|--|-------------|
| SiO ₂ | 50.0 |
| Al ₂ O ₃ | 40.5 |
| TiO ₂ | 4.7 |
| Fe ₂ O ₃ | 2.6 |
| CaO | 0.7 |
| Na ₂ O + K ₂ O + Li ₂ O | 1.5 |

PACKING IN CARTONS OF , Kg **20**

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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