



TECHNICAL DATA

FOR AIR SET PLASTIC



BRAND NAME :

NP25 - 90

RAW MATERIAL BASIS :

TABULAR ALUMINA

PHYSICAL PROPERTIES :

Maximum service temperature , °C	1650
Amount required for ramming , Kg/m ³	3020
Bulk density , Kg/m ³ after drying at 110°C	2820
Cold crushing strength , Kg/cm ² after drying at 110°C	50 – 120
after heating at 1600°C	350 – 500
Permanent Linear Change , % after heating at 1600°C	-1.5 to 0.0

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	6.9
Al ₂ O ₃	86.5
TiO ₂	1.6
Fe ₂ O ₃	1.3
CaO	0.3
Na ₂ O + K ₂ O + Li ₂ O	0.9
P ₂ O ₅	2.5

PACKING IN CARTONS OF , Kg

25

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 .

ES0100F02

(Preliminary Name: NE1 – 83)

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