



TECHNICAL DATA  
FOR DENSE COATING MIX  
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BRAND NAME :

**NC21 - 18F**

RAW MATERIAL BASIS :

**TABULAR ALUMINA**

PHYSICAL PROPERTIES :

Maximum service temperature , °C	1750
Dry material required , Kg/m <sup>3</sup>	2250
Approximate amount of water required for coating , Liter /25Kg	3.5 – 4.1
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	2350
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	250 – 350
Grain size, mm	0 – 1

CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	9.8
Al <sub>2</sub> O <sub>3</sub>	84.3
TiO <sub>2</sub>	0.1
Fe <sub>2</sub> O <sub>3</sub>	0.6
CaO	4.1
Na <sub>2</sub> O+K <sub>2</sub> O+Li <sub>2</sub> O	1.1

PACKING IN SACKS 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 – 88)

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