



TECHNICAL DATA

FOR DENSE CASTABLE – LCC

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BRAND NAME :

NC21 - 18SPLV

TYPE OF PRODUCT :

ALUMINA SPINEL

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1880
Dry castable required , Kg/m <sup>3</sup>	3050
Approximate amount of water required for pouring , Liter /30Kg	1.15 – 1.30
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	3100
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	600 – 800
after heating at 1600°C	1100 – 1300

CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	0.1
Al <sub>2</sub> O <sub>3</sub>	95.4
Fe <sub>2</sub> O <sub>3</sub>	0.1
CaO	1.8
MgO	2.2
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	0.4

PACKING IN SACKS OF , Kg

30

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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