



TECHNICAL DATA
FOR DENSE CASTABLE – MCC



BRAND NAME :

NC21 – 18SPMS

RAW MATERIAL BASIS :

TABULAR ALUMINA - SPINEL

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1800
Dry castable required , Kg/m ³	2800
Approximate amount of water required for pouring , Liter /30Kg	1.7 – 2.0
Bulk density , Kg/m ³ after drying at 110°C	2900
Cold crushing strength , Kg/cm ² after drying at 110°C	700 – 900
after heating at 1430°C	600 – 900
Permanent Linear Change , % after heating at 1430°C	-1.0 to +1.0
Grain size, mm	0 – 8

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	1.3
Al ₂ O ₃	93.0
MgO	1.3
Fe ₂ O ₃	0.2
CaO	3.6
Na ₂ O + K ₂ O + Li ₂ O	0.6

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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