

Product information

REFRACAST DL B-70 - V1004 IN

product description

type of material:	low cement castable	installation method:	vibration
nature of bond:	hydraulic	main raw material:	calcined bauxite
state of delivery:	dry	packing:	25 kg / 50 kg / big bags
storage life:	6 months	testing standard:	IS 10570 : 2011

general properties

maximum recommended service temperature	1650	°C	
material requirement:	2.80	t/m ³	
maximum grain size:	8.00	mm	
liquid for mixing:	4.0 - 6.0	l/100kg	potable water
bulk density:	2.65	g/cm ³	after firing at 1000°C
apparent porosity:	17.0	%	after firing at 1000°C

typical chemical analysis (weight%)

Al ₂ O ₃	Fe ₂ O ₃	CaO
> 70.0	< 1.5	< 1.6

typical physical properties

after firing at [°C]	permanent linear change [%]	cold modulus of rupture [N/mm ²]	cold crushing strength [N/mm ²]
110	0.0	12.0	70.0
1000	± 0.2	17.0	80.0
1500	± 1.0	22.0	100.0

The details on product data are guidelines which are not considered as binding specifications. All contrary and/or previously published values are replaced by those mentioned on this sheet and therefore become invalid as well. We reserve the right to make revisions according to the technological progress. Please regard our separate explanations of the product information.