



IN GOD WE TRUST

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Technical data

BAJMULL D 60 CAST

Low cement castable

		BAJAJ THERMOCAST
Chemical analysis:		
3Al ₂ O ₃ .2SiO ₂ (Mullite).....	%	78
Fe ₂ O ₃	%	1.1
CaO.....	%	1.4
SiO ₂ (Cristobalite).....	%	19
Physical data:		
Refractoriness	PCE	36
Max. service temperature	°C	1700+
Bulk density	kg/m ³	2450
Max. grain size	mm	10
Cold crushing strength (Kg/Cm2)		
after heating to:	110°C	800
	500°C	900
	1000°C	1000
	1550°C	1200
Drying shrinkage:		
	110°C%	0.1
Linear Changes excl. drying		
shrinkage after	500°C%	0.0
heating to:	1000°C%	0.0
	1500°C%	+ 0.1
Thermal conductivity:		
	400°CW/mK	0.70
	800°CW/mK	1.05
	1200°CW/mK	1.25
Alkali test (scale 0-10)		
		1
Resistance to abrasion g/cm ²		
		0.15
Resistance to thermal shock		
		extra high
Reversible linear expansion		
to 1000°C.....	%	0.50
Average water addition %		
		4-5

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