



Product Specification Sheet				
Product Name:	MAT 10 CR/FRS			
Product Description	Re bonded Magnesia Chrome bricks			
Application	Copper Converter CPS			
Chemical Properties	Unit	Values		Testing Method
		STANDARD		
MgO	%	≥ 60		XRF & GB/T5070-2007
Cr2O3	%	≥ 20		
SiO2	%	≤ 0.8		
Al2O3	%	≤ 6.0		
CaO	%	≤ 0.9		
Fe2O3	%	≤ 9.0		
A.P.,	%	≤ 15		ISO 5017:1998
Bulk Density	g/cm3	≥ 3.30		ISO 5017:1998
CCS	MPa	≥ 65		ISO 10059-2 2003
RUL 0.2MPa/T0.6	°C	≥ 1750		ISO1893:2005
Dimensional Tolerance	mm			
≤ 100 mm	+/-1	Warpage %		0.5 max
101-200mm	+/-1.5	Edge Breach (a+b+c)		≤ 60 mm, no more than 3 positions
201-300mm	+/-2	Corner Breach (e+f+g)		≤ 40 mm, no more than 3 positions
≥ 300 mm	+/-2.5			

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