

TRL KROSAKI (Formerly Tata Refractories Limited) Product Definition Sheet				TRL Cast AH 50(G)	
Revision No : 01				Date : 03.06.2020	
Product Name		TRL Cast AH 50(G)			
Product Description		High purity dense castable			
Maximum Service temperature		1450°C			
Disposal Recommendation		Must not be disposed together with household garbage. Do not allow products to reach sewage system.			
CONTROL PROPERTIES					
Chemical Analysis	Unit by wt	Value			Test Method
		Typical	Limit		
Al ₂ O ₃	%	48.2	47-50		By Wet Chemical
SiO ₂	%	42.2			By Wet Chemical
Fe ₂ O ₃	%	2.37	2.2-2.7		By Wet Chemical
CaO	%	6.09			By Wet Chemical
Physical properties	Unit				
Bulk Density at 110°C/24 hrs	Kg/m ³	2130	2050-2200		BIS 10570
CCS at 110°C/24 hrs	N/mm ²	37.3	30 - 50		BIS 10570
CCS at 800°C/3 hrs	N/mm ²	27.6	25 - 45		BIS 10570
CCS at 1400°C/3 hrs	N/mm ²	52.3	40 - 60		BIS 10570
PLC at 800°C/3 hrs	%				BIS 10570
PLC at 1100°C/3 hrs	%				BIS 10570
PLC at 1400°C/3 hrs	%	- 2.03	≤ -2.5		BIS 10570
PCE	°C	+ 1600	≥ 1600		IS 1528
Maximum Grain size	mm	98.8% passing through 5 mm	≤ 5		
Shelf Life	9 months from the date of manufacture				
Technology Manager					Signature:
Contact Address	TRL Krosaki Refractories Limited P.O.- Belpahar, Dist.- Jharsuguda, Odisha, Pin- 768 218, INDIA Phone: 91-6645-250286 Information department: Technology Division				

N.B: 95% Min. will pass through the maximum grain size indicated.