

 (Formerly Tata Refractories Limited) Product Definition Sheet				TRL FRT-2	
Revision No.: 03				Date: 28-11-2022	
Product Name:		TRL FRT-2			
Product Description:		Burnt Magnesia Chrome Brick			
Application:		Safety lining of ladle & AOD and Reheating furnace hearth.			
CONTROL PROPERTIES:					
Chemical Analysis (Calcined Basis)	Unit by wt	Value		Test Method	
		Typical	Limit		
MgO	%	55.4	≥ 50.0	XRF	
Cr ₂ O ₃	%	6.5	≥ 6.0		
Physical Properties	Unit				
Bulk Density	gm/cc	2.76		ISO 5017: 1998	
App. porosity	Vol. %	20.1	≤ 22.0	ISO 5017: 1998	
CCS	kg/cm ²	410	≥ 350	ISO 10059-2:2003	
RUL (t _a) at 2 kg/cm ²	°C	1640	≥ 1600	IS 1528- Part 2	
Thermal Conductivity at 1000°C	W/mK	1.8		ISO 8894-2: 1987	
Control Dimensions:	AQL 6.5% for critical dimensions (ISO 5022)				
Shelf Life	12 months from the date of manufacture when stored under the shed and free from moisture				
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				

Note:

1) The typical technical data shown are based on average results on production samples and are subjected to a normal variation on individual tests. Hence, it cannot be taken as a specification.

2) The above specification is valid for solid-pressed standard items only. For shaped items and weight, more than 20 kg may have a variation of 10%.

Disposal Consideration:

May be disposed of in an approved landfill unless contaminated in service. If contaminated with hazardous materials, place waste in a suitable container. Seal and properly label the waste container. Send the container to an approved Transportation, Storage, and Disposal (TDS) facility via an approved waste hauler. Be sure manifests have been completed and an adequate "Paper trail" has been established.