


<div style="text-align: center;">  <p>TRL KROSAKI</p> <p>(Formerly Tata Refractories Limited)</p> <p>Product Definition Sheet</p> </div>				<p>TRL 70R</p>	
Revision No : 01				Date : 01-05-2020	
Product Name		TRL 70R			
Product Description		Fired Bauxite Based Brick			
CONTROL PROPERTIES					
Chemical Analysis (Calcined Basis)	Unit By wt.	Value		Test Method	
		Typical	Limit		
Al ₂ O ₃	%	65.8	64 - 67	By wet chemical	
Fe ₂ O ₃	%	3.27	3.0 - 3.5	By Spectrophotometer	
Physical Properties		Unit			
Apparent porosity	Vol. %	20.2	≤ 21.0	ISO 5017 : 1998	
Bulk Density	gm/cc	2.57	≥ 2.55	ISO 5017 : 1998	
CCS	Kg/cm ²	570	≥ 500	ISO 10059-2 : 2003	
SUPPLEMENTARY PROPERTIES					
RUL(ta) @ 2kg/cm ² load	°C	1450	≥ 1440	ISO 1893 : 2007	
PLC @ 1500°C/2hrs,	%	+2.36	+ 2.5	ISO 2478 : 1987 (L = V/3)	
PCE	OC	34	≥ 33	ISO 528 : 1983	
INFORMATIVE PROPERTIES					
Size Tolerance	+/-2 mm or 1.5% which ever is greater				
Sampling/Acceptance	ISO 5022, Table 4 or Table 10(AQL4%)				
Shelf Life	36 months from the date of manufacture when stored under shed & free from moisture.			Signature:	
Disposal Consideration:	May be disposed in an approved landfill unless contaminated in service. If contaminated with hazardous materials, place waste in suitable container. Seal and properly label the waste container. Send the container to an approved Transportation, Storage and Disposal (TSD) facility via an approved waste hauler. Be sure manifests have been completed and an adequate "Paper trail" has been established.				
Prepared and Issued by	Technology Manager				
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- Note:** 1) The typical technical data shown are based on average results on production samples and are subjected to normal variation on individual tests. Hence, it cannot be taken as specification.
- 2) The above specification is valid for solid pressed standard items only.