



TRL Mul 70(G)
(F310152)

Product Definition Sheet

Revision No.: 00				Date: 15-02-2021
Product Name		TRL Mul 70(G)		
Raw Materials		Fused Mullite, & Andalusite		
Product Description		Fired Mullite Bonded Brick		
CONTROL PROPERTIES				
Chemical Analysis (Calcined Basis)	Unit By wt	Value		Test Method
		Typical	Limit	
Al ₂ O ₃	%	70.8	≥ 70.0	By XRF
Fe ₂ O ₃	%	0.87	≤ 1.0	
Physical Properties	Unit			
Bulk Density	Kg/m ³	2620 2540	≥ 2580 for standard shape ≥ 2520 for bigger & Complex Shape	ISO 5017 : 1998
Apparent porosity	Vol. %	17.0 20.5	≤ 18.0 for standard shape ≤ 22.0 for bigger & Complex Shape	ISO 5017 : 1998
CCS	N/mm ²	60.0 45.0	≥ 50 for standard shape ≥ 40.0 for bigger & Complex Shape	ISO 10059-2 : 2003
SUPPLIMENTARY PROPERTIES				
PLC at 1550°C/2hrs	%	±0.12	±0.25	EN 993-10:1998
RUL (t _a) under 2 kg/cm ² load	°C	1600	≥ 1580	DIN 51064:19981
PCE	SK	+36	≥ 36	ISO 528 : 1983
INFORMATIVE PROPERTIES				
Thermal shock resistance	Cyl	+30	-	DIN 51068
Control Dimension	AQL 6.5% for critical dimensions (ISO 5022 Table – 3)			
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			
Contact Address	TRL Krosaki Refractories Limited P.O – Belpahar, Dist.- Jharsuguda, Odisha, Pin-768218, 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 normal variation on individual tests. Hence, it cannot be taken as specification.
2) The above specification is valid for solid machine pressed standard items only.