



DYNAMIC REFRACTORIES
REDEFINING EXCELLENCE

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TRL K ROSAKI REFRACTORIES LTD.

Dealing in REFRACTORIES | CERAMICS | FOUNDRY MATERIALS

GSTIN No. 24AFUPS6913B1Z9

TECHNICAL CERTIFICATE

CERWOOL BLANKET

PARAMETERS

CLASSIFICATION TEMPERATURE (°C)	1260	1425
COLOUR	WHITE	WHITE
DENSITY (IBS/CUFT) 64 Kg/m ³	64	
96 Kg/m ³	96	
128 Kg/m ³	128	
FIBER DIAMETER (μm)	2 – 4	2.5 - 3
NON FIBEROUS CONTENT BY Wt. (%)	12 - 17	10 - 15
PERMANENT LINER SHRINKAGE (%)	After 24 hrs. soaking temp 1200° C	After 24 hrs. soaking temp 1400° C
	1.5 %	2.80%
THERMAL CONDUCTIVITY (W/mk)		0.12
96 Kg/m ³ at 550° C MEAN TEMPERATURE	0.13	0.12
128 Kg/m ³ at 550° C MEAN TEMPERATURE	0.11	0.12
TENSILE STRENGTH Kpa (psi)	For 25MM THICK	FOR 25 MM THICK
96 Kg/m ³	7.2	
128 Kg/m ³	10.8	11.8

CHEMICAL COMPOSITION

CHEMICAL COMPOSITION	CERWOOL CERAMIC FIBER BLANKET – 1260 ° C	CERWOOL CERAMIC FIBER BLANKET – 1425° C
AL ₂ O ₃	42.2	35.01
SiO ₂	57.4	49.78
Fe ₂ O ₃	<0.1	<0.12
TiO ₃	<0.3	Trace
Zr ₂ O ₃	-	15.1
Leschable Chlorides, ppm	<10	-

NOTE: All data represent typical results of standard tests conducted under controlled condition

As such, the information is intended only as a general guide for specification and design estimates

Plot No. 2302/2, GIDC Phase-4, Vatva, Ahmedabad-382445.

+91 98240 17507 / +91 75678 47733

dynamicrefractories2020@gmail.com,

rajeshsharma.hrr@gmail.com

Bank Name : IndusInd Bank • A/c No. : 259426516169 • Branch : Vatva Industrial Estate • IFSC Code : INDB0001030