

TECHNICAL DATA SHEET

CERAMIC FABRIC REINFORCED WITH INCONEL

Ceramic fabric, type TCZ is woven of high-quality ceramic yarn reinforced with an Inconel wire. The product contains approximately 18% of organic fibres which, in the first period operation, may burn-out without losses for key operation parameters. Ceramic fabrics are applied as thermal insulations for all types of machines, devices systems with contact with high temperatures and where we want to reduce the heat flow. They are particularly often used as thermal screens, insulations in the process of heating welded structures or covers of hoses or cables working near the heat sources.



Raw material		reinforced ceramic yarn
Maximum peak temperature	°C	1200
Maximum continuous operating temperature	°C	1100
Reinforcement type CrNi wire	mm	∅ 0,1
Weave		cloth, single layer
Maximum loss after ignition	%	18
Maximum shrinkage	%	3
Density	g/cm ³	0,5 ± 15 %
Colour		white - green
Dimensional range		
width	mm	1000
thickness	mm	2, 3, 4, 5

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