



TDS

MICA CERAMIC ROLL

Description: Mica ceramic roll are designed to separate refractory lining from coils in induction furnace. It provide

- Provide electrical insulation between the coil and molten metal.
- Prevent excessive heat loss
- Provide vapor barrier against carbon gases
- Prevents the over sintering of the refractory lining by maintaining sufficient temperature between the melt and the coil.
- Protects the coils against over heating
- Provide superior slip plane properties and protect the coils from expansion and contraction force during the lining campaign
- Facilitate the push out of worn lining (Crucibles).

MAIN TECHNICAL CHARACTERSTICS

Type : CP 95 C

Item	Unit	TYPE : CP 95 C
		2.50 mm to 3.5 mm
Appearance		No alien material, No split, Scar & hole ,No broken & folded, No patched place
Width	mm	Up to 1000
Length	M	Up to 25
Total Thickness	mm	2.50 mm to 3.5 mm
Ceramic paper thickness (Bio- soluble grade)	mm	2.0 to 3.0 mm
Mica paper thickness	mm	0.50
Breakdown Voltage	KV/mm	> 15.0
Binder Content	%	8 - 12
Continuous operating temperature	°C	Up to 1200
Test method		