

SHANDONG TAIRAN IMPORT AND EXPORT CO.,LTD

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Quartz Ceramic Roll



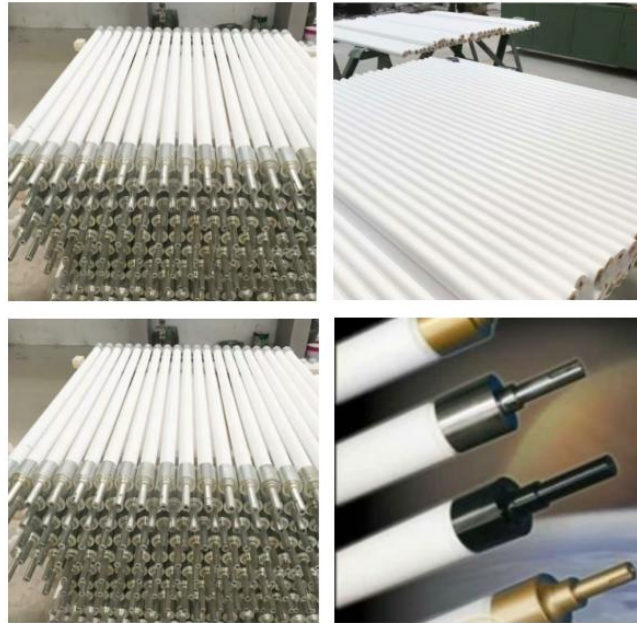
1,Performance parameters of quartz ceramic roll

ITEM	UNIT	VALUE
SIO ₂	%	≥99.7
Density	g/cm ³	≥1.95
Porosity	%	7-11
Compressive strength	Mpa	≥60
Flexural strength	Mpa	≥30
Coefficient of thermal expansion	×10 ⁻⁶ /°C,w/m.k	<0.6
Radial runout value	mm	≤0.08
Specification	mm	Φ15-110

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2,Product picture

Product picture



3,Description of quartz ceramic roll

Product Description: quartz ceramic roller is a composite component composed of ceramic body, bearing, shaft and plastic sealing ring. It is a key component of glass horizontal tempering furnace and metal strip heat treatment furnace, mainly used for carrying and transporting products. The roll blank adopts the original grouting forming technology, with high-purity fused quartz as raw material. The product has high density, high strength, small thermal expansion, good thermal shock stability, high dimensional accuracy, no deformation at high temperature, smooth and delicate surface, small radial runout, and no scratch on glass and other products.

4,Product performance characteristics

- 1) Precise assembly design structure
- 2) Eliminate the defects of oxidation and nodulation on roll surface
- 3) High strength, good wear resistance, high temperature stability
- 4) Long service life, 3-5 times of traditional materials
- 5) Excellent thermal stability
- 6) High density, corrosion resistance, high purity raw materials, no pollution to glass and other products

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7) Reliable shaft head connection technology

8) Small radial runout, smooth operation, reduce product jitter, improve safety performance

5, Good feedback of product use effect, the products have been exported to South Korea, Europe, Japan

6, We are a professional supplier, who can provide customers with free product technology, use and other issues

Do you want to find a professional supplier of quartz ceramic roll?

Do you want to find a stable and credible supplier?

Then please contact with us

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