

Tender no: 5000/834

Due Date: 8-4-2013
at 10 AM

Specifications of Seamless Copper Tubes

- Quantity required	200 pcs
- Outer diameter	42.4 mm
- Thickness	1.6 mm
- Length	5008 mm
- Material	electrolytic Copper Oxygen free

General conditions

- 1 – Tubes will be supplied in exact length with
Tolerance - 0 / + 2 mm .
- 2 – Chemical analysis , Mechanical analysis and
Origin certificates will be provided .

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Mechanical properties

Item	Quantity	Dimension	Description
1	200 pieces	OD 42.4 mm x wt 1.6 mm x length 5008 mm	Seamless electrolytic copper oxygen free tubes , plain ends EN 12449, temper R 220

Tensile strength Mpa	Elongation %	Hardness %	Grain Size mm
248 -251	49 - 49.1	48	0.030 -0.035

Chemical composition in %

CU	Pb
99.91 - 99.92	0.0252 - 0.0254

This product must be certified to be in accordance with the specification .

Mechanical properties (ultimate Tensile strength, Elongation Hardness, Grain size) and chemical values exactly according to En 10204/3. 1 B