

Continuous Cast Copper Wire Rod

Larkindia a market leader special in North India in the production of ETP copper wire ROD. It uses licensed technology SCR 2000 from southwire USA. Continual improvements, manpower trained by southwire personnel and regular meetings at southwire USA for improvements in process efficiency in cost and effectiveness for all men machine and materials. A small part of the ETP ROD is converted in NUGGETS which are used as anode material by the plating industry. Larkindia boasts of an unmatched skilled and experienced team.

TECHNICAL SPECIFICATIONS

Electrolytic tough-pitch Copper Wire Rod (Standard Quality)

Standards	ASTM B 49 (Table 1 : UNS number C11040)
Diameter	8 mm to 16 mm
Size	8 mm, 12.5 mm & 16mm
Packaging in Coils	Wooden Pallet 1500 * 1500 mm and HDPE cover
Internal Diameter	950 mm
Outer Diameter	1500 mm
Coil Weight	Upto 4 mt as per customer requirement (standard coil weight 1, 2.2, 3 & 4 mt)

Physical Characteristics

Products Range ETP Grade Copper ROD- Specification

UNS Number 11040 Copper Type	Unit	ASTM B49-09	TDT Typical
Copper, min	% min	99.90	> 99.95
Tellurium	ppm	2	< 2
Selenium	ppm	2	< 2
Bismuth, max	ppm	1	< 1.0
Antimony max	ppm	4	< 4
Arsenic max	ppm	5	< 5
Tin, max	ppm	5	0.42
Lead max	ppm	5	<5
Nickel max	ppm	10	<10
Sulfur, max	ppm	15	7-8
Silver, max	ppm	25	< 25
Oxygen	ppm	100-650	100 to 650
% Elongation	% min	30%	> 30
Tensile strength	Min Mpa / N/mm2	210	210-240
Surface Oxide	Angstrom max	750	< 750
Conductivity	% IACS	100%Min	> 101
Diameter	Tolerance		<+/-0.38

Application:

Power cables to be drawn upto 0.2 mm cables, wires & conductors.

End Users:

Telecommunications ,Power cables, building wires, railways& metro railways, transformers, automotive industry.