

TECHNICAL DATA

ROUND & RECTANGULAR WIRE - TEXTILE COVERED

POLYESTER C200 + GLASSFIBRE + POLYESTERIMIDE VARNISH

DESCRIPTION

Round or rectangular copper or aluminium + Polyester C200 enamel + Glassfibre + Polyesterimide varnish.



APPLICATIONS

Electric motors, generators and dry-type transformers working in special applications.



PROPERTIES

Temperature class	180°C
Enamel type	Polyester C200 Grades 1, 2 or 3
Conductors	Round or rectangular copper or aluminium
Diameters, round copper	0.670 - 6.000mm
Cross sections, rectangular copper	7.00 - 300mm ²
Diameters, round aluminium	3.00 - 12.00mm
Cross sections, rectangular aluminium	6.00 - 75.00mm
Textile type	E-Glassfibre, alkali free, varnish impregnated
Varnish type	Polyesterimide, Class 180°C
Layers	1 or 2
Standard insulation increase (Or according to customer requirements)	1 layer - 0.12 up to 0.20mm 2 layers - 0.20 up to 0.50mm
Methods of test	IEC 60851
Standards (Copper)	IEC 60317-49, IEC 60317-31 ANSI type MW 51C
Insulation increase	IEC 60317-0-4
Standards (Packaging)	IEC 60264

INSULATION OPTIONS

The following other Glassfibre insulated wires are available:

- Bare copper or aluminium + Glassfibre + Epoxy varnish, Class 135°C
- Bare copper or aluminium + Glassfibre + Polyurethane varnish, Class 155°C
- Bare copper or aluminium + Glassfibre + Epoxy B-stage varnish, Class 180°C