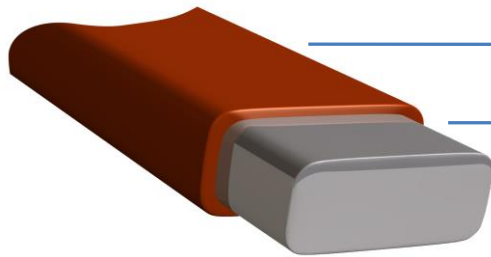


INSULATION

Polyesterimide Enamelled Rectangular Aluminium Wire, Class 180



Base Coat :Theic Modified Polyesterimide

Conductor: Aluminium

STANDARDS

No standard yet.

AVAILABILITY

5 - 80 mm²

000 - 10 AWG

APPLICATIONS

Alternators

Electrical Motors

Dry Type Transformers

PROPERTIES

Good mechanical and thermal properties

Excellent dielectric performance

Good chemical and moisture resistance

Superior thermal overload protection

TECHNICAL PROPERTIES

MECHANICAL

Flexibility (width ≤ 10 mm)

No crack for 4 x width

Flexibility (width > 10 mm)

No crack for 5 x width

Flexibility (thickness)

No crack for 5 x thickness

Adherence

Loss of adhesion max 1 x width

THERMAL

Thermal Index

180 °C

Heat Shock

> 200 °C

CHEMICAL

Resistance to Solvents

3H

Resistance to Refrigerants

Good

Resistance to Transformer Oil

Very Good

ELECTRICAL

Breakdown Voltage

> 2500 V

Conductivity (m/Ωmm²)

>35,5