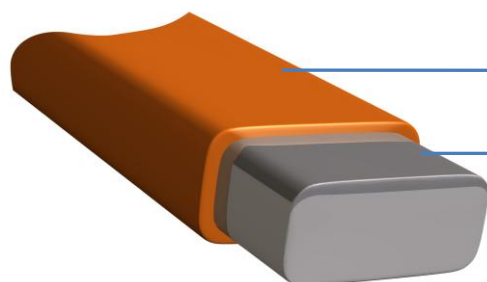


INSULATION

Polyvinyl Acetal Enamelled Rectangular Aluminium Wire, Class 120



Base Coat :Polyvinyl Acetal

Conductor: Aluminium

STANDARDS

IEC 60317-0-9

IEC 60317-68

AVAILABILITY

10-100 mm²

7 - 3/0 AWG

APPLICATIONS

Distribution Transformers

Power Transformers

PROPERTIES

High Flexibility

High resistance against to hydrolysis

High Adherence

Superior thermal overload protection

TECHNICAL PROPERTIES

MECHANICAL

Flexibility (width ≤ 10 mm)

No crack for 2 x width

Flexibility (width > 10 mm)

No crack for 3 x width

Flexibility (thickness)

No crack for 2 x thickness

Adherence

Loss of adhesion max 1 x width

THERMAL

Thermal Index

120 °C

Heat Shock

> 155 °C

CHEMICAL

Resistance to Solvents

5H

Resistance to Refrigerants

Good

Resistance to Transformer Oil

Very Good

ELECTRICAL

Breakdown Voltage

≥ 1500 V (Grade 1)

≥ 2500 V (Grade 2)

Conductivity (m/Ωmm²)

≥35,5

The values provided in this document represent typical characteristics of ELSAN magnet wires and are intended for information purposes only. They should not be considered as a warranty or guarantee of specific product properties or performance. Customers are advised to verify the suitability of the product for their intended application.