

TECHNICAL DATA

**POLYVINYL E120
Enamelled Copper Wire**

DESCRIPTON

Polyvinyl E120 consists of round copper wire insulated with a polyvinyl acetyl (PVA) enamel.

APPLICATIONS

Polyvinyl E120 finds use in rotating and static equipment where high temperature resistance is not a requirement, but where mechanical toughness is, such as:

→ Electric Motors

→ Oil Filled Transformers

PHYSICAL PROPERTIES

Temperature class	120°C
Enamel type	Polyvinyl acetyl (PVA)
Diameters	1.000 - 6.000mm (Others on request)
Grades	G1, G2
Colours	Natural
Breakdown voltage	1.5 x IEC value
Heat shock	> 155°C
Solderability	Non solderable
Cut through	≥ 170°C
Chemical resistance	Very good
Methods of test	IEC 60851
Standards & Certifications (Enamel)	IEC 60317-12 NEMA/ANSI type MW 15C
Standards (Dimensions & Tolerances)	IEC 60317-0-1
Standards (Packaging)	IEC 60264
RoHS compliant	Yes
REACH SVHC concentration	0%

® Registered trademark

Statements, technical information and recommendations contained herein are based on tests we believe to be reliable but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for their intended use and the user assumes all risk and liability whatsoever in connection therewith.