

ENAMELLED COPPER WIRE
THERVEST 200

REFERENCE STANDARD FOR CONSTRUCTING AND TESTING: IEC 60317 - 13

| ENAMEL | | type | |
|-----------------|-------------------------------------|------|-------------------|
| | BASE | type | POLYESTERIMIDE |
| | OVERCOAT | type | POLYAMMIDEIMIDE * |
| DIAMETER | | | |
| | GRADE 1 (range) | mm | 0.25 ÷ 5.00 |
| | GRADE 2 (range) | mm | 0.25 ÷ 5.00 |
| | GRADE 3 (range) | mm | 0.25 ÷ 5.00 |
| CHARACTERISTICS | | | |
| THERMAL | | | |
| | THERMAL CLASS | - | 200 |
| | TEMPERATURE INDEX | °C | 200 |
| | HEAT SHOCK | °C | 220 |
| | CUT-THROUGH | °C | 320 |
| MECHANICAL | | | |
| | FLEXIBILITY (1) | - | 1 d |
| | RESISTANCE TO ABRASION (mean value) | N | ≥ 11,3 |
| | ELONGATION | % | ≥ 30 |
| | SPRING-BACK ANGLE | ° | ≤ 45 |
| ELECTRIC | | | |
| | BREAKDOWN VOLTAGE | kV | ≥ 5 |

- note: (1) d= diameter

- Value and characteristics given about wire diameter 1 mm - grade 2

- The product resist to standard solvents, mineral oils, impregnated resin, **and generally FREON (for ermetic motors) to be verified by the final user.**

APPLICATIONS: CONSTRUCTION OF MOTORS, TRANSFORMERS, ELECTRICAL WINDING.

ATTENTION: PRODUCTS EXEMPT FROM SUPERFICIAL WAXES MUST BE SPECIFIED IN PHASE OF ORDINATION.

* If NOT EXPRESSLY IN ORDER FROM THE CUSTOMER , DE ANGELS PRODUCTS RESERVE TO USE SELFLUBRICANT PRODUCTS ALSO.

SAFETY DATASHEET: This material is not subject to the general norm on safety as per CEE 379/88 receipt with D.M. 28/01/1992 being defined as NON dangerous material, thus without need of danger labeling or safety data sheet. Usage of this material must be, anyhow in conformity to the applicable norms about safety and health on workplaces (DPR 547/55 - DPR 303/56 - D.LGS. 81/2008) It is a responsibility of the final user to get the means to act in conformity with local and national laws.