

Polyesteramide-imide enamelled round copper winding wires of class 2 (2AIW)

| Dimensions | | | | Minimum dielectric breakdown voltage V. | Failing load in resistance-to-abrasion test N (gf) | | Maximum conductor resistance per unit length $\Omega / \text{km} (20^\circ\text{C})$ | Minimum elongation % | | | | | |
|-----------------|------------------|-------------------------------|----------------------------------|--|--|------------------------|---|-------------------------|------------|------------|--|--|--|
| Conductor | | Minimum film thickness mm. | Maximum overall thickness mm. | | Average value (min.) | Lowest value (min.) | | | | | | | |
| Diameter mm. | Tolerance mm. | | | | | | | | | | | | |
| 0.06 | ± 0.003 | 0.004 | 0.081 | 950 | - | - | 6 966 | 10.0 | | | | | |
| 0.07 | | | 0.091 | | | | | | | | | | |
| 0.08 | | | 0.103 | | | | | | | | | | |
| 0.09 | | 0.005 | 0.113 | 1100 | | | | | | | | | |
| 0.10 | | | 0.125 | | | | | | | | | | |
| 0.11 | | | 0.135 | | | | | | | | | | |
| 0.12 | | | 0.147 | | | | | | | | | | |
| 0.13 | | | 0.157 | | | | | | | | | | |
| 0.14 | | | 0.167 | | | | | | | | | | |
| 0.15 | | 0.006 | 0.177 | 1300 | | | | | | | | | |
| 0.16 | | | 0.189 | | | | | | | | | | |
| 0.17 | | | 0.199 | | | | | | | | | | |
| 0.18 | | 0.008 | 0.211 | 1600 | | | | | | | | | |
| 0.19 | | | 0.221 | | | | | | | | | | |
| 0.20 | | | 0.231 | | | | | | | | | | |
| 0.21 | | | 0.241 | | | | | | | | | | |
| 0.22 | | | 0.252 | | | | | | | | | | |
| 0.23 | | | 0.009 | | | | | | 0.264 | | | | |
| 0.24 | | | | | | | | | 0.274 | | | | |
| 0.25 | | | | | | | | | 0.284 | | | | |
| 0.26 | | | ± 0.004 | | | | | | | | | | |
| 0.27 | 2.4 { 245} | | | | | | | | | | | | |
| 0.28 | 2.5 { 255} | | | | | | | | | | | | |
| 0.29 | | | | | | | | | | | | | |
| 0.30 | ± 0.005 | 0.010 | 0.337 | 2000 | | | | | | | | | |
| 0.32 | | | | | | | | | 2.7 { 275} | 2.4 { 245} | | | |
| 0.35 | | | | | | | | | 2.8 { 286} | | | | |
| 0.37 | | | | | | | | | | 2.5 { 255} | | | |
| 0.40 | | | | | | | | | 3.2 { 326} | 2.7 { 275} | | | |
| 0.45 | ± 0.006 | 0.011 | 0.439 | | | | | | | | | | |
| 0.49 | | | | | | | | | | | | | |
| 0.50 | | | | | | | | | 3.6 { 367} | 3.0 { 306} | | | |
| 0.55 | ± 0.008 | 0.012 | 0.542 | 2150 | | | | | | | | | |
| 0.59 | | | | | | | | | | 3.1 { 316} | | | |
| 0.60 | | | | | | | | | 3.7 { 377} | | | | |
| 0.65 | | | | | | | | | | 3.2 { 326} | | | |
| 0.70 | 0.013 | 0.746 | 0.798 | | | | | | | | | | |
| 0.75 | | | | | | | | | 4.1 { 418} | 3.5 { 357} | | | |
| 0.77 | | | | | | | | | 4.5 { 459} | 3.8 { 388} | | | |
| 0.80 | ± 0.010 | 0.014 | 0.852 | 2400 | | | | | | | | | |
| 0.85 | | | | | | | | | 4.8 { 490} | 4.1 { 418} | | | |
| 0.87 | | | | | | | | | 4.9 { 500} | | | | |
| 0.90 | | | | | | | | | 5.2 { 530} | 4.4 { 449} | | | |
| 0.95 | 0.016 | 0.956 | 1.008 | | | | | | | | | | |
| 0.97 | | | | | | | | | 5.6 { 571} | 4.7 { 479} | | | |
| 1.0 | ± 0.012 | 1.062 | | | | | | 25.0 | | | | | |
| | | | 1.062 | | | | | | | | | | |