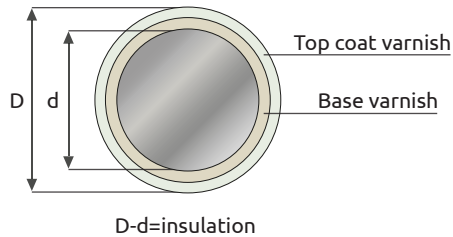


PEEAI-D200A

Round aluminum heat-resistant winding wire with enamel insulation based on polyester or polyetherimide and external coating based on polyamide

Class 200



Product name:

- PEEAI 1-D200A
- PEEAI 2-D200A

Properties:

- High heat resistance
- Suitable for light structures
- High resistance to transformer oils
- High resistance to solvents
- Freon resistant

Size series:

$0,40 \leq \varnothing \leq 2,500$ mm

Class: 200

Temperature index: $\geq 200^{\circ}\text{C}$

Thermal shock: 220°C

Thermoplasticity of insulation: 320°C

Breakdown voltage:

2300 - 5000 V

Electrical resistance:

$0,01724 \text{ Ohm} \cdot \text{mm}^2/\text{m}$

Relative elongation:

from 10 - 15% and more

Chemical resistance:

Excellent

Sphere application:

- Light constructions
- Electric motors
- Transformers with oil cooling
- Dry isolated transformers
- Welding transformers

Conductor material (Al 99.7):

EN 1715 - EN AW1370

Isolation:

Base enamel coating on the basis of polyester or polyetherimide

Outer coating based on polyamide

Packaging:

Coils: K250; K400;

K315/500; K400/630

Specification:

IEC 60317-25

TU U 31.3-13970259-007:2013

Production is certified:

DSTU ISO 9001:20015 (ISO 9001:2015, IDT);

DSTU EN ISO 9001:2018 (EN ISO 9001:2015, IDT);

ISO 9001:2015.

Table of dimensional characteristics PEEAI-D200A

Temperature index 200 PEEAI-D200A					
Ø (mm)	Limit deviations of the wire, ± mm	PEEAI 1-D200A		PEEAI 2-D200A	
		Minimum Ø thickness isolation, mm	Maximum Ø send off, mm	Minimum Ø thickness isolation, mm	Maximum Ø send off, mm
0,400	0,005	0,021	0,439	0,040	0,459
0,425	0,005	0,022	0,466	0,042	0,488
0,450	0,005	0,022	0,491	0,042	0,513
0,475	0,005	0,024	0,519	0,045	0,541
0,500	0,005	0,024	0,544	0,045	0,566
0,530	0,006	0,025	0,576	0,047	0,600
0,560	0,006	0,025	0,606	0,047	0,630
0,600	0,006	0,027	0,649	0,050	0,674
0,630	0,006	0,027	0,679	0,050	0,704
0,670	0,007	0,028	0,722	0,053	0,749
0,710	0,007	0,028	0,762	0,053	0,789
0,750	0,008	0,030	0,805	0,056	0,834
0,800	0,008	0,030	0,855	0,056	0,884
0,850	0,009	0,032	0,909	0,060	0,939
0,900	0,009	0,032	0,959	0,060	0,989
0,950	0,010	0,034	1,012	0,063	1,044
1,000	0,010	0,034	1,062	0,063	1,094
1,060	0,011	0,034	1,124	0,065	1,157
1,120	0,011	0,034	1,184	0,065	1,217
1,180	0,012	0,035	1,246	0,067	1,279
1,200	0,012	0,035	1,316	0,067	1,299
1,250	0,013	0,035	1,316	0,067	1,349
1,320	0,013	0,036	1,388	0,069	1,422
1,400	0,014	0,036	1,468	0,069	1,502
1,450	0,015	0,038	1,570	0,071	1,556
1,500	0,015	0,038	1,570	0,071	1,606
1,560	0,016	0,038	1,670	0,071	1,666
1,600	0,016	0,038	1,670	0,071	1,706
1,700	0,017	0,039	1,772	0,073	1,809
1,800	0,018	0,039	1,872	0,073	1,909
1,900	0,019	0,040	1,974	0,075	2,012
2,000	0,020	0,040	2,074	0,075	2,112
2,120	0,021	0,041	2,196	0,077	2,235
2,240	0,022	0,041	2,316	0,077	2,355
2,360	0,024	0,042	2,438	0,079	2,478
2,500	0,025	0,042	2,578	0,079	2,618