Polyvinyl formal enamelled round copper winding wires of class 1 (1PVF)

Dimensions				Minimum dielectric breakdown voltage	Failing load in resistance-to-abrasion test N (gf)		Maximun conductor resistance per unit length	Minimum elongation
Conductor		Minimum film thickness	Maximum overall thickness		Average value	Lowest value		
Diameter mm.	Tolerance mm.	mm.	mm.	V.	(min.)	(min.)	Ω / km (20°C)	%
0.10	± 0.008	0.009	0.140	2 000	-	-	2 647	15.0
0.11			0.150				2 153	
0.12		0.010	0.162	2 200			1 786	
0.13			0.172				1 505	
0.14			0.182				1 286	
0.15			0.192				1 111	
0.16		0.011	0.204				969.5	
0.17			0.214				853.5	
0.18		0.012	0.226	2 400			757.2	
0.19			0.236				676.2	
0.20			0.246				607.6	
0.21			0.256				549.0	
0.22			0.266				498.4	
0.23		0.013	0.278				454.5	
0.24			0.288				416.2	
0.25			0.298				382.5	
0.26	± 0.01		0.310		3.5 { 357}	3.0 { 306}	358.4	
0.27			0.320				331.4	
0.28			0.330		3.6 { 367}		307.3	
0.29			0.340			3.1 { 316}	285.7	20.0
0.30		0.014	0.352	2 800	3.9 { 398}	3.3 { 337}	262.9	
0.32			0.372				230.0	
0.35			0.402		4.0 { 408}	3.4 { 347}	191.2	
0.37			0.424				170.6	
0.40		0.015	0.456		4.4 { 449}	3.7 { 377}	145.3	
0.45		0.016	0.508		4.7 { 479}	4.0 { 408}	114.2	
0.50		0.017	0.560	3 050	5.1 { 520}	4.4 { 449}	91.43	
0.55	± 0.02		0.620				78.15	
0.60			0.672		5.2 { 530}	4.5 { 459}	65.26	
0.65		0.018	0.724		5.0 { 571}	4.8 { 490}	55.31	
0.70		0.019	0.776		6.0 { 612}	5.1 { 520}	47.47	
0.75		0.020	0.830	3 400	6.4 { 653}	5.4 { 551}	41.19	
0.80		0.021	0.882		6.7 { 683}	5.7 { 581}	36.08	25.0
0.85		0.022	0.934		7.1 { 724}	6.0 { 612}	31.87	
0.90		0.023	0.986		7.5 { 765}	6.4 { 653}	28.35	
0.95		0.024	1.038		7.9 { 806}	6.7 { 683}	25.38	
1.0	± 0.03	0.025	1.102		8.3 { 847}	7.0 { 714}	23.33	
1.1		0.026	1.204	4 150	8.7 { 887}	7.4 { 755}	19.17	
1.2			1.304		8.8 { 898}		16.04	
1.3		0.027	1.408		9.2 { 938}	7.8 { 796}	13.61	
1.4			1.508		9.3 { 949}	7.9 { 806}	11.70	
1.5		0.028	1.612		9.8 { 1001}	8.2 { 836}	10.16	
1.6			1.712			8.3 { 847}	8.906	
1.7		0.029	1.814	4 350	10 { 1 020}	8.7 { 887}	7.871	
1.8			1.914				7.007	
1.9		0.030	2.018		11 { 1 120}	9.1 { 928}	6.278	
2.0			2.118	-		9.2 { 938}	5.656	30.0
2.1		0.031	2.22			9.5 { 969}	5.123	
2.2		0.032	2.322		12 { 1 220}	9.8 { 1 000}	4.662	
2.3			2.422			9.9 { 1 010}	4.260	
2.4		0.033	2.526			10 { 1 020}	3.908	
2.5		0.034	2.628		13 { 1 330}	11 { 1 120}	3.598	
2.6			2.728				3.324	
2.7			2.828		-	-	3.079	
2.8			2.928				2.861	
2.9			3.028				2.665	
3.0			3.128				2.489	
3.2	± 0.04		3.338				2.198	