

Polyesterimide enamelled round copper winding wires of class 0 (0EIW)

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.														
0.10	± 0.008	0.016	0.156	3500	-	-	2647	15.0							
0.11			0.166	3750					2153						
0.12			0.180												
0.13			0.190												
0.14			0.200												
0.15		0.210													
0.16		0.018	0.222	3800			969.5								
0.17			0.232				853.5								
0.18			0.246				757.2								
0.19		0.256	676.2												
0.20		0.266	607.6												
0.21		0.019	0.276				549.0								
0.22			0.286				498.4								
0.23			0.298				454.5								
0.24			0.308				416.2								
0.25			0.318				382.5								
0.26		± 0.01	0.020	0.330	4200	5.4 { 551 }	4.7 { 479 }		358.4	20.0					
0.27				0.340								331.4			
0.28				0.350								5.5 { 561 }	307.3		
0.29				0.360								4.8 { 490 }	285.7		
0.30				0.021								0.374	4500	5.8 { 592 }	5.0 { 510 }
0.32			0.394		5.9 { 602 }							230.0			
0.35			0.424		6.0 { 612 }	191.2									
0.37			0.446	6.3 { 643 }	5.1 { 520 }	170.6									
0.40			0.480	6.7 { 683 }	5.4 { 551 }	145.3									
0.45	0.532		7.1 { 724 }	5.7 { 581 }	114.2										
0.50	± 0.02	0.025	0.586	5100	7.5 { 765 }	6.4 { 653 }	91.43	25.0							
0.55		0.646							7.6 { 775 }	6.5 { 663 }	78.15				
0.60		0.698							8.0 { 816 }	6.8 { 694 }	65.26				
0.65		0.752							8.4 { 857 }	7.2 { 734 }	55.31				
0.70		0.804							8.8 { 898 }	7.5 { 765 }	47.47				
0.75		0.860		9.6 { 979 }					8.1 { 826 }	41.19					
0.80		0.914	6300				9.9 { 1010 }		8.5 { 867 }	36.08					
0.85		0.966					10 { 1020 }		8.8 { 898 }	31.87					
0.90		1.020					11 { 1120 }		9.1 { 928 }	28.35					
0.95		1.072	5900				9.5 { 969 }		9.5 { 969 }	25.38					
1.0	± 0.03	0.036					1.138	12 { 1220 }	10 { 1020 }	23.33	30.0				
1.1	0.037	1.242										19.17			
1.2		1.342										13 { 1330 }	11 { 1120 }	16.04	
1.3		1.448										14 { 1430 }	12 { 1220 }	10.16	
1.4		1.548													8.906
1.5		1.654													7.871
1.6	1.754	6300								7.007					
1.7	1.856									15 { 1530 }		13 { 1330 }	6.278		
1.8	1.956									16 { 1630 }			5.656		
1.9	2.062		6.278												
2.0	2.162		5.656												
2.1	0.045	2.266	5900				5.123								
2.2	0.046	2.368					17 { 1730 }	4.662							
2.3	2.468	18 { 1840 }					15 { 1530 }	3.908							
2.4	0.048								2.574	3.908					
2.5	2.678								3.598						
2.6	2.778	6300				3.324									
2.7	2.878					-	-	3.079							
2.8	2.978					-	-	2.861							
2.9	3.078					-	-	2.665							
3.0	3.178					-	-	2.489							
3.2	± 0.04	3.388	-	-	2.198										