

BAKIR TEL ÇAPI (mm)	KESİT (mm)	İZOLASYON ÇAPI (mm)	BAKIR TEL AĞIRLIĞI kg/1000 mt	İZOLASYONLU TEL AĞIRLIĞI kg/1000 mt	KANGAL UZUNLUĞU(mt)
DIAMETER OF CONDUCTOR	CROSS SECTION	OUTER DIAMETER	WEIGHT OF COPPER	WEIGHT OF INSULATED WIRE	LENGHT OF COIL
0,70	0,385	1,40	3,447	4,543	1.000
0,80	0,503	1,50	4,502	5,703	1.000
0,90	0,636	1,60	5,697	7,003	1.000
1,00	0,785	1,70	7,034	8,444	1.000
1,10	0,950	1,80	8,511	10,026	1.000
1,20	1,131	1,90	10,129	11,748	1.000
1,30	1,327	2,10	11,887	13,917	700
1,40	1,539	2,20	13,786	15,935	700
1,50	1,767	2,30	15,826	18,094	700
1,60	2,011	2,40	18,007	20,394	600
1,70	2,270	2,50	20,328	22,835	600
1,80	2,545	2,60	22,790	25,416	600
1,90	2,835	2,70	25,392	28,138	600
2,00	3,142	2,90	28,135	31,426	500
2,10	3,464	3,10	31,019	34,899	500
2,20	3,801	3,20	34,044	38,073	500
2,30	4,155	3,30	37,209	41,387	500
2,40	4,524	3,40	40,515	44,842	500
2,50	4,909	3,50	43,961	48,438	400
2,60	5,309	3,60	47,549	52,174	400
2,70	5,725	3,70	51,277	56,052	350
2,80	6,157	3,80	55,145	60,069	350
2,90	6,605	3,90	59,154	64,228	350
3,00	7,068	4,00	63,304	68,527	300
3,10	7,547	4,10	67,595	72,967	300
3,20	8,042	4,20	72,026	77,547	300
3,30	8,553	4,30	76,598	82,269	300
3,40	9,079	4,40	81,311	87,131	300
3,50	9,621	4,50	86,164	92,133	300
3,60	10,178	4,60	91,158	97,270	300
3,70	10,752	4,70	96,293	102,560	300
3,80	11,341	4,80	101,568	107,980	300
3,90	11,946	4,90	106,984	113,550	300
4,00	12,566	5,00	112,541	119,260	300

ELECTRICAL PROPERTIES**TYPICAL VALUE****UNIT****TEST METHOD**

DIELECTRIC CONSTANT 1 MHZ	2,15	----	IEC 250
DISSIPATION FACTOR 1 MHZ	1.10 ⁻⁴	----	IEC 250
DC VOLUME RESISTIVITY, 500V	>1.10 ¹⁷ Ω cm	----	IEC 93
DIELECTRIC STRENGTH	>30 KV/mm	----	IEC 243

PHYSICAL PROPERTIES**TYPICAL VALUE****UNIT****TEST METHOD**

DENSITY	902	-20kg/m ²	ISO 1183-D
MELT FLOW RATE MFR(230, C/2, 16 KG)	5,5	g/ 10 min	ISO 1133 CONT.4
TENSILE STRENGTH AT YIELD ¹	33	MPA	ISO 527/1A
ELONGATION AT YIELD ¹	8/800	%	ISO 527/1A
VICAT SOFTNING TEMPERATURE ¹	151	°C	ISO 306
HEAT DEFLECTION TEMPERATURE ¹	92	°C	ISO 75-2 .METHOD B
SHORE D HARDNESS	60	----	ISO 868
BRITTLNESS TEMPERATURE ¹	-20	°C	ISO 974

¹MEASURED ON INJECTION MOULDED SPECIMEN

ELEKTRİKSEL ÖZELLİKLER**TİPİK DEĞERLER****BİRİM****TEST METODU**

SABİT YALITKAN 1 MHZ	2,15	----	IEC 250
SAPMA FAKTÖRÜ 1 MHZ	1.10 ⁻⁴	----	IEC 250
DC ÖZDİRENÇ HACMİ,500V	>1.10 ¹⁷ Ω cm	----	IEC 93
YALITKANLIK DİRENCİ	>30 KV/mm	----	IEC 243

FİZİKSEL ÖZELLİKLER**TİPİK DEĞERLER****BİRİM****TEST METODU**

YOĞUNLUK	902	-20kg/m ²	ISO 1183-D
AKIŞKANLIK ORANI MFR(230, C/2, 16 KG)	5,5	g/ 10 min	ISO 1133 CONT.4
GERİLME DAYANIKLILIK RANĐIMANI ¹	33	MPA	ISO 527/1A
UZAMA RANĐIMANI ¹	8/800	%	ISO 527/2A
GEVŞEME DERECEĐİ ¹	151	°C	ISO 306
ISI SAPMA DERECEĐİ ¹	92	°C	ISO 75-2 .METHOD B
KATILIK SINIRI	60	----	ISO 868
KIRILGANLIK DERECEĐİ ¹	-20	°C	ISO 974

¹ÖLÇEKLİ KALIP DEĞERİ