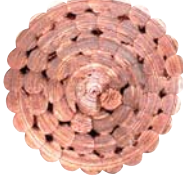


BAKIR İLETKENLER

COPPER CONDUCTORS



SERT ELEKTROLİTİK BAKIR TEL

YAPISI
Som elektrolitik bakır tel 1.0 - 4.0 mm. çapları arasında TS-2 standartına göre üretilmektedir.

HARD - DRAWN ELECTROLYTIC COPPER WIRE

CONSTRUCTION
Hard-Drawn Electrolytic Copper Wire is produced in diameter of 1.0-4.0 mm. in accordance with TS-2 standard.

HAVAİ HATLAR İÇİN ÖRGÜLÜ BAKIR İLETKENLER

YAPISI
Örgülü bakır iletkenler; maksimum çekme dayanımını sağlayacak şekilde, sert bakır tellerin bükülmesiyle TS-3 standardına göre üretilir. Yuvarlak bakır teller bir merkez etrafında tek ya da çok katlı olarak bükülür.

STRANDED COPPER CONDUCTORS FOR OVERHEAD LINES

CONSTRUCTION
Stranded Copper Conductors are produced by stranding of hard copper wires to obtain maximum tensile strength in accordance with TS-3 standard. Round steel wires are stranded around a central element in one or more layers.

NOMİNAL KESİT NOMINAL CROSS-SECTION	TEL SAYISI TEL ÇAPI NUMBER OF WIRE DIAMETER	DIŞ ÇAP (yaklaşık) OVERAL DIAMETER (approx.)	NET AĞIRLIK (yaklaşık) NET WEIGHT (approx.)	İLETKEN DC DİRENCİ 20°C'de max. DC Conductor Resistance at 20°C	HESAPLANAN MİN. KOPMA YÜKÜ MAX. BREAK STRENGTH
mm ²	Adet/mm	mm	kg/km	(ohm/km)	kN
10	7/1.32	3.96	85.8	1.915	3.96
16	7/1.70	5.10	142.4	1.154	6.50
25	7/2.12	6.36	221.4	0.742	9.99
35	7/2.50	7.50	308.0	0.534	13.91
50	7/3.00	9.00	443.5	0.369	19.57
50	19/1.80	9.00	436.3	0.384	19.36
70	19/2.12	10.60	605.2	0.275	26.55
95	19/2.50	12.50	841.7	0.198	36.93
120	19/2.80	14.00	1056	0.158	45.27
150	37/2.24	15.68	1320	0.127	57.73
185	37/2.50	17.50	1644	0.102	71.91
240	61/2.24	20.20	2179	0.077	95.17
300	61/2.50	22.55	2715	0.062	118.56

TAVLANMIŞ ELEKTROLİTİK BAKIR TEL

YAPISI
Yumuşak (tavlı) bakır teller 0.15-4.0 mm. çapları arasında TS-18 ve ASTM B3-1990 standartlarına göre üretilir.

SOFT ELECTROLYTIC COPPER WIRE

CONSTRUCTION
Soft (annealed) copper wires are produced in diameter of 0.15-4.0 mm. in accordance with TS-18 and ASTM B3-1990.

ÖRGÜLÜ İLETKENLER

YAPISI
0.5-630 kesitleri arasında TS 6570 HD 383 S2 ve IEC 602228 standartlarına göre üretilir.

SOFT ELECTROLYTIC COPPER WIRE

CONSTRUCTION
Conductors are produced to use in cable manufacturing in sizes of 0.5 to 630 mm² in accordance with TS-6570 HD 383 S2 and IEC 60228.