

Technical Specification

Welding Cable 95 mm²

S/N	Description	Data
1	Structure	
1.1	Conductor	Stranded annealed copper, 1500/0.16 mm
1.2	Binder	-
1.2	Insulation	Flexible PVC, thickness 2.79 mm
1.3	Sheath	Flexible PVC, thickness 2.81 mm
1.4	Overall diameter	19.0 mm
1.5	Approx. net weight	718 kg/km
2	Electrical Performance	
2.1	DC Resist. @ 20°C	≤ 0.85 Ω/km
2.2	Voltage Test	2500V/5min
3	Mechanical performance of Insulation	
3.1	Tensile strength (before aging)	≥ 10 MPa
3.2	Elongation at break (before aging)	≥ 150%
3.3	Tensile strength (after aging)	≥ 10MPa
3.4	Tensile strength variation before and after aging	≤ 20%
3.5	Elongation at break (after aging)	≥ 150%
3.6	Elongation variation before and after aging	≤ 20%
4	Mechanical performance of Sheath	
4.1	Tensile strength (before aging)	≥ 10 MPa
4.2	Elongation at break (before aging)	≥ 150%
4.3	Tensile strength (after aging)	≥ 10MPa
4.4	Tensile strength variation before and after aging	≤ 20%
4.5	Elongation at break (after aging)	≥ 150%
4.6	Elongation variation before and after aging	≤ 20%