

SFP1929/1/97.5	<b>Test Sheet Report</b>	شركة كابل	
DATE: January 15, 2024		سيهر البرز	
NO: 03-112		(شبهامى خاص)	

Type & Size :	1*4	Standard :	BS EN50618
Drum N:	02-9-1456	Customer :	...
Length (m) :	1000	Contract NO:	...

Item	Test Description	Unit	Standard Value	Measured Value
1	No & D of wire	N*D	X...	57X0.30
2	MGT Thickness /width /over lap %		.....	...
3	Diameter Of Conductor (Averege)	mm	...	2.5
4	Max Dc Resistance Of Conductor 20 c'	$\Omega$ /km	5.09	5.02
5	Thickness Of Insulation (Averege)	mm	0.7	0.8
6	Min Insulation Thickness Spot	mm	0.53	0.68
7	Diameter Of Insulation	mm	...	4.1-4.2
8	Insulation colors	...	black	
9	Min Elongaion Of Insulation	%	125%	456%
10	Min Tensile Strength Of Insulation	N/mm <sup>2</sup>	8	12.6
11	tensile strenght for insulation after ageing	%	-30%	-10%
12	Min insulation resistance at 20 c'	M $\Omega$ .KM	580	685
13	Min insulation resistance at 90 c'	M $\Omega$ .KM	0.58	0.690
14	Hot set test	%	Length with load max100%	80%
		%	Length without load25	13%
15	behavior at low temperature 16hr at -15°c	...	...	...
16	Thickness Of Filer	mm	...	...
17	Thickness Of Beding (Average)	mm	...	...
18	Diameter Over Beding	mm	...	...
19	No & Diameter Of Armor	mm	...	...
20	Diameter over Armor		...	...
21	Thickness Of Sheath	mm	0.8	0.95
22	Min Sheath Thickness Spot	mm	0.58	0.82
23	Min Elongation Of Sheath	%	125%	426%
24	Min Tensile Strength Of Sheath	N/mm <sup>2</sup>	8	13
25	tensile strenght for sheath after ageing	%	-30	-21%
26	Diameter Of Cable	mm	...	5.9-6
27	Surface resistance of the sheath 500 or 100 DC		>1X10 <sup>9</sup> $\Omega$	100G $\Omega$
28	Vertical flame propagation test		EN 60332-1-2	OK
29	Long -term insulation resistance in voltage		1.8DC	NO Breakdown
30	Work Temperature	...	-40C' , +90 C'	OK
31	H.V Test	...	6.5kv DC	OK
32	Appearance	...	OK	OK

