



MILLION SUPREME

WIRES & CABLES CHECKING APPROVAL REPORTS BY GOVERNMENT OF PAKISTAN

Sr. No. PCSIR-LLC: 0002222

Pakistan Council of Scientific & Industrial Research
LABORATORIES COMPLEX, FEROZEPUR ROAD, LAHORE - 54600

Report No. EMTL / 4269 Dated : 2nd February, 2024

TEST REPORT
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Testing Laboratory	
Name :	Electrical Measurement & Test Laboratory
Address :	PCSIR Laboratories Complex, Ferozepur Road, Lahore-54600, Pakistan
Testing Location :	Same as Above
Job Code #	4269
ILO Log # & Date :	08 / 01-02-2024
Customer	
Name :	Million Supreme Wires & Cables
Request Ref & Date:	Nil Dated: 01-02-2024
Test Specification	
Standard:	BS 2004 : 1961 BS 3360 : 1961
Test Procedure :	BS 2004 : 1961 BS 3360 : 1961
Procedure Deviation :	N/A
Non Standard Test Method :	N/A
Test Item Description	Single Core, 3/0.029" CU/PVC Electric Cable of rated Voltage 250/440 V Colour of Cable : Blue Sample Length : Approx. 30 Meter
Copy of Marking Plate / Label	MILLION SUPREME NO 1 QUALITY CABLES TM 185328

Tel: ++ 9242 99231699 PABX No. ++92 42 99230689-95 Fax: ++ 92 42 99230705
E-mail : emtlpcsir@gmail.com Web Site: http://www.pcsir-lhr.gov.pk

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Test Case Verdicts	
Test case does not Apply to the test object :	N (A)
Test Item does meet the requirement :	P (ass)
Test Item does not meet the requirement :	F (ail)
Testing	
Date of Receipt of Test Item :	01-02-2024
Date (s) of Performance of Test :	01-02-2024 to 02-02-2024
General Remarks	
The results of the Sample / Routine Test carried out on the provided test sample of single Core 3/0.029" CU / PVC Electric Cable conform the standard requirements.	
Report :	
Prepared by :	Malik Allah Yar Senior Experimental Officer
Reviewed by :	Muhammad Azhar Head, Electrical Measurement & Test Laboratory
Approved by :	Dr Quratulain Syed Director General
Note :	The Test Results and the Terms & Conditions Governing Testing and Calibration Services Provided by PCSIR Laboratories Complex, Lahore - Pakistan are attached. herewith

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Single Core, 3/0.029" CU/PVC Electric Cable (Blue)

BS 2004 : 1961, BS 3360 : 1961			
Prescribed	Observed	Verdict	
PRODUCT IDENTIFICATION			
Marking on the Cable	Indelible, clearly discernible, name continuous and easily legible	Compliance observed	P
Colour of insulation for single core Cable	Red, Black, Yellow or Blue	Blue	P
Voltage Designation	250 / 440 V	250 / 440 V	P
CONDUCTOR			
Material	Copper	Copper	-
No of Strands (mm)	03	03	P
Stranding Construction	Twisted	Twisted	P
Individual Strand Dia. (mm)	0.029 in. (0.7366 mm)	0.735 mm	P
Approx. Conductor Area	0.002 in ² (1.29 mm ²)	1.29 mm ²	P
Radial Thickness of Insulation	0.035 in. (0.889 mm Minimum Value)	0.982 mm	P
Smallest value of Insulation Thickness (mm)	0.768 mm	0.929 mm	P
Overall Cable Diameter (mm)	0.137 in. (3.48 mm + 0.254mm) - 0.127mm)	3.40 mm	P
ELECTRICAL TESTS			
Insulation Resistance at 60°C	0.02 MΩ/1000 Yd. (0.0183 MΩ/km Min. Value)	0.1162 MΩ.km	P
Conductor Resistance at 20°C	12.83 Ω/1000 Yd. (14.03 Ω/km. Max. Value)	13.80 Ω/km.	P
Voltage Test on Cable at 1.5 K V for 15 min.	No Breakdown	No Breakdown Observed	P

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