



Certificate No. : T-0071

ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION

(Accredited by the National Accreditation Board for Testing and Calibration Laboratories, Govt. of India)
ERDA Road, Makarpura Industrial Estate, Vadodara-390 010, India.

EPABX : +91 (0265) 2642942, 2642964, 2642377, 3043128 / 29 / 30 / 31 / 33

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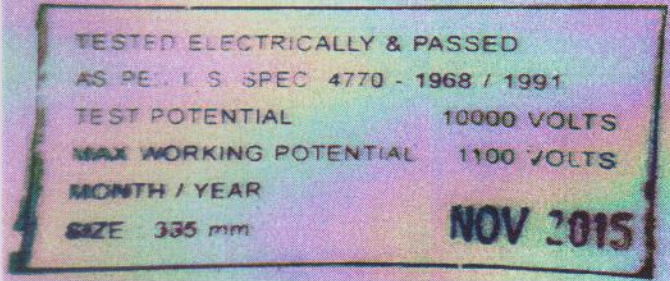
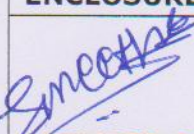

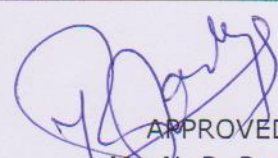
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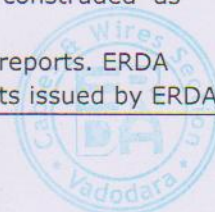


TEST REPORT

SHEET 1 of 4

NAME & ADDRESS OF CUSTOMER Dahanu Rubber Gloves Mfg. Co., Jawahar Marg, Village Sarawali, Dahanu Road (East) - 401 602. Dist. Thane, Maharastra State.	REPORT NO. : RP-1516-032367 DATE : 30-11-2015 CUSTOMER REF. NO : MKS/15-16/024 DATED : 06-11-2015 DATE OF SAMPLE RECEIPT : 06-11-2015 DATE OF TESTING : 19-11-2015 to 30-11-2015
SAMPLE DESCRIPTION Rubber hand gloves for electrical purpose Type of gloves : 2 Size : 355 mm Brand : Jyot	SAMPLE IDENTIFICATION Printing :   ERDA Sample Code : ERDA-00114690
TEST DETAILS As per sheet 2 of 4	TEST SPECIFICATION IS: 4770 - 1991
REMARK : The sample conforms to the requirements for all the mentioned tests. ENCLOSURE : ANNEXURE - Photographs of sample (SHEET 1 of 1)	
PREPARED BY : 	CHECKED BY : 
APPROVED BY :  Mr. N. R. Pandya NOTE: 1. This report relates only to the particular sample received for testing in good condition at ERDA. 2. This report cannot be reproduced in part under any circumstances. 3. Publication of this report requires prior permission in writing from Director, ERDA. 4. Only the tests asked for by the customer have been carried out. 5. In case of any dispute, Vadodara will be the exclusive jurisdiction & shall be construed as where the cause has arisen. Caution : ERDA is not responsible for the authenticity of photocopied or reproduced test reports. ERDA provides support to consumers for verification of the authenticity of test reports issued by ERDA	

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REPORT NO. : RP-1516-032367

SHEET 2 of 4

DATE : 30-11-2015

TEST DETAILS :

Test Specification : IS: 4770-1991

Sr. No.	Cl. No	Test Particulars.
1	6.1.1.a	Thickness
2	6.1.1.b	Tensile strength
3	6.1.1.c	Elongation at break
4	6.1.1.d	Tension set
5	6.1.1.e	Tensile stress at 200 percent elongation
6	6.1.1.f	Tear strength
7	6.1.1.g	Tensile strength and elongation at break after heat ageing
8	6.1.1.h	Puncture resistance
9	6.1.1.j	Moisture absorption
10	6.1.1.n	Proof voltage and leakage current
11	6.1.1.p	Breakdown voltage test

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REPORT NO. : RP-1516-032367

SHEET 3 of 4

DATE : 30-11-2015

Sr. No	Cl. No.	Tests	Requirement as per Specification	Obtained value	Remarks
1	6.1.1.a	Thickness of gloves Thickness, mm -at Crotch area	Min. 0.70 Max. 1.25	0.85 0.96	Conforms Conforms
		-at Non-crotch area	Min. 0.80 Max. 1.25	1.03 1.10	Conforms Conforms
2	6.1.1.b	Tensile strength, MPa	Min. 10	20.7	Conforms
3	6.1.1.c	Elongation at break, %	Min. 500	695	Conforms
4	6.1.1.d	Tension set, %	Max. 25	3.3	Conforms
5	6.1.1.e	Tensile stress at 200 percent elongation, MPa	Max. 2.1	1.8	Conforms
6	6.1.1.f	Tear strength, kN/m	Min. 14	34.6	Conforms
7	6.1.1.g	Tensile strength and elongation at break after heat ageing, - Change in tensile strength, after accelerated ageing at $70 \pm 2^{\circ}\text{C}$ for 168 h, percent of original - Change in elongation at break, after accelerated ageing at $70 \pm 2^{\circ}\text{C}$ of 168 h, percent of original	Min. 90 Min. 80	95 93	Conforms Conforms
8	6.1.1.h	Puncture resistance, kN/m	Min. 18	50.5	Conforms
9	6.1.1.j	Moisture absorption, mg/cm^2	Max. 5	2.2	Conforms

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SHEET 4 of 4

DATE : 30-11-2015

Sr. No.	Cl. No.	Test	Requirement as per Specification	Obtained value	Remarks
10	6.1.1.n	Proof voltage and leakage current -Proof voltage test -Leakage current at working Voltage (1100 V rms), μ A -Leakage current at proof Voltage (10000 V rms), mA	Sample shall withstand 10000 V (rms) for 1 minute Max. 600 Max. 8	Withstood 500 6.7	Conforms Conforms Conforms
11	6.1.1.p	Breakdown voltage test -Breakdown voltage (V), rms	Min. 12000	17200	Conforms

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ANNEXURE

SHEET 1 of 1

DATE : 30-11-2015



Photograph No : ERDA-00114690

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