



# URS PRODUCTS AND TESTING PRIVATE LIMITED

F-3, Sector-6 Noida-201301  
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CIN NO U21014UP1987PTC008956



TC-6468

## TEST REPORT

TEST REPORT NO:	URS/TEE/RID/18-19/527	DATE OF ISSUE:	19/11/2018
ULR	ULR-TC64681800000078P		

CUSTOMER NAME:	
CUSTOMER ADDRESS:	

TEST ITEM DESCRIPTION			
PRODUCT NAME:	Polycarbonate Enclosure		
DATE OF RECEIPT	16/11/2018	SAMPLE CONDITION:	OK
RECEIPT NUMBER	URS/TEE/EMC/18-19/536	NO. OF SAMPLE	1
TRADE MARK	GRASP	SERIAL NUMBER	Not marked
MODEL	Not marked		
NAME OF MANUFACTURER	Maharaja Plastic Industries		
ADDRESS OF MANUFACTURER	62,Rama Road,Najafgarah Road Industrial Area,New Delhi-110015		

TECHNICAL DATA			
TECHNICAL SPECIFICATION(S)	Polycarbonate Enclosure (280X280X130MM),Base:Opaque RAL-7035,Grade:Sabic 943 & Cover-Transparent,Grade:943A		
STANDARD TEST METHOD / TEST PROTOCOL	IEC 60529:1989+A1:1999 +A2:2013		
START DATE OF TESTING	17/11/2018	DATE OF COMPLETION	19/11/2018

CONCLUSION	
TEST RESULT	The test result Conforms to the requirement of the standard/test protocol based on the obtained test values/results mentioned in this test report.

REMARK	Dimensions of the sample: L:280mm ; B:280mm ; H:130mm
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TESTED BY

Som Shekhar  
Analyst

AUTHORIZED SIGNATURE

Ankit Kumar  
Manager Technical

ISSUED BY

Md Fakhre Alam  
Manager Technical

Note:

1. This test report is valid only for the sample(s) tested in our laboratory.
2. The test report is not permitted to be duplicated/reproduced in part or in extract in any circumstances.
3. URS lab is not responsible for authenticity of photocopied or reproduced test report.
4. The test results reported in this report are valid at the time of and under the stated conditions of measurements.
5. The remnant(Tested Samples)shall be destroyed after 15days from the date of testing unless specified otherwise in writing.
6. Any correction/ensure shall invalidate the test report.
7. This test report pertains to the test(s) carried out as requested by the customer.
8. This test report shall not be utilized for any legal purpose and shall not be produced in the court of law & no responsibility would be attached to URS Lab





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S.No	TEST PARAMETER (CLAUSE REFERENCE)	TEST METHOD	REQUIREMENT	TEST RESULT / OBSERVATION
1	Ingress Protection (IP - 67) TEST (Clause 13.4 And 14.2.7)	IEC 60529:1989 +A1:1999 +A2:2013	Protection against solid foreign objects: (Dust test for first characteristics numeral 6)	See below
			Sample kept in dust chamber of dust volume 2kg/m <sup>3</sup> for the duration of 8 hours.	Complies
			Visual Observation:	No ingress of dust found inside the sample after the test
			Protection against water immersion: (Second characteristic numeral 7)	See below
			Test Condition: a) The lowest point of enclosures with a height less than 850 mm is located 1 000 mm below the surface of the water.	Complies
			b) The highest point of enclosures with a height equal to or greater than 850 mm is located 150 mm below the surface of the water.	Complies
			c) The duration of the test is 30 min.	Complies
			Visual Observation	No ingress of water found inside the sample after the test

TESTED BY

Som Shekhar  
 Analyst

AUTHORIZED SIGNATURE

Anshu Kumar  
 Manager Technical

ISSUED BY

Md Fakhir Alam  
 Manager Technical



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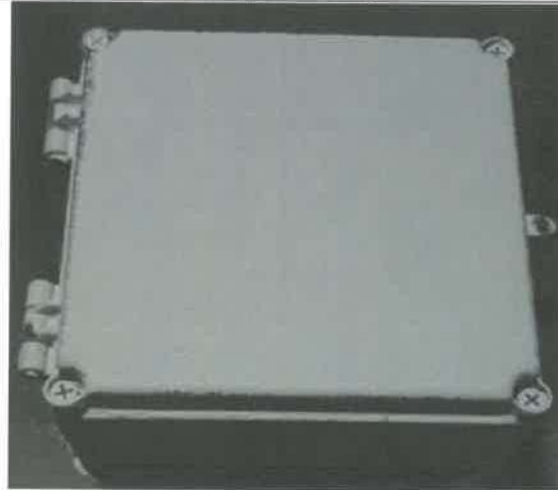
CUSTOMER NAME:

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### Attachment-1



Sample Image



Sample image (After IP6X Test)

TESTED BY

  
Som Shekhar  
Analyst

AUTHORIZED SIGNATURE

  
Ankit Kumar  
Manager Technical

ISSUED BY

  
Md Fakhr Alam  
Manager Technical



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Sample image (After IPX7 Test)

<b>Product Name :</b>	<b>Polycarbonate Enclosure (280x280x130)</b>
<b>Trade Mark :</b>	<b>GRASP</b>
<b>Grade :</b>	<b>943A</b>
<b>Mfg. :</b>	<b>Maharaja Plastic Industries</b>
<b>Made in :</b>	<b>India</b>

**Marking**

TESTED BY

Som Shekhar  
Analyst

AUTHORIZED SIGNATURE

Ankit Kumar  
Manager-Technical

ISSUED BY

Md Fajr Alam  
Manager Technical