



भारत सरकार
सूक्ष्म, लघु व मध्यम उद्यम मंत्रालय
एम एस एम ई परीक्षण केंद्र,
राजाजी नगर औद्योगिक सम्पदा,
बेंगलूरु - ५६० ०१०

Government of India
Ministry of Micro, Small &
Medium Enterprises
MSME Testing Station
Rajajinagar Industrial Estate,
Bengaluru - 560 010

TEST REPORT

Report No : MSME-TS/BNG/003/22-23/358
Job No : MSME-TS/BNG/003/22-23

Request Ref.. 20-04-2022

Issued To M/S ECO PALLET PRIVATE LIMITED Plot No 1, KIADB Industrial Area Doddaballapura, Bashettyhalli village, Kasaba Hobli, Doddaballapura Taluk, Bangalore Rural District Bangalore-561203	Issue Date : 06-05-2022 NTRP Transaction ref No:2004220006083 dt.20-04-2022 Date of test performance : 21-04-2022 to 29/04/2022
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Description of the sample as Stated by the Party: 02 No of EPS Block PU Coated parrot
Green color.(Dimension 300x300x100 mm)

TESTS CONDUCTED AS PER:	As per customer's request.
TEST CHARACTERISTIC :	1.Compression pressure Test for 1000 kg at 24 &48 Hrs. 2.Tensile strength. 3. Elongation at break. 4. Temperature Test. a) Hot (+) 70 °C (8 hrs) b) Cold (-)40 ° C (8 hrs)
DESCRIPTION OF SAMPLE :	02 No of EPS Block PU Coated Parrot Green color. (Dimension 300x300x100 mm)
GENERAL REMARKS :	Sample examined and tested as per customer's request, Please see the continuation in sheet no 02 for detailed test results.
EQUIPMENT USED :	Compression Testing Machine, Vernier caliper, &Tensile Testing Machine.

Cont....2

Note:

1. This test report pertains to the particular sample(s) submitted by the party for the testing.
2. This test report should not be reproduced in-part without written approval of the Director,MSME-TS,Bangalore.

Authorized by:

(B. Narayanaswamy) 6/5/22
Instructor

Reviewed by:

(G. Nagaraja) 6/5/22
Asst Director (Mech)

Approved by:

(R. Srinivas) 6/5/22
Joint Director
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TEST REPORT

SI no		Name of the Test.	Specification Requirement	Actual Sample Results.					
		Report No : MSME-TS/BNG/003/22-23 / 358			Job No : MSME-TS/BNG/003/22-23 / 358				
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1.		Tensile strength & Elongation at break. a) Tensile strength.(N/mm ²) b) Elongation at Break.(%)	----- -----	21.4 N/mm ² 197.5%					
2.		Temperature Test, Hot at (+)70° C for 8 hrs.	-----	No sign of cracks or scale formation seen, and No change of Dimension of the Block.					
3.		Temperature Test cold at (-) 40°C for 8 hrs.	-----	No sign of cracks or scale formation seen and No change of Dimension of the Block.					
4.		Compression Pressure Test.							
		Initial height before loading 1000kg.	Height after loading 1000kg.	Deflection residual.	Height after 24 hrs loading with 1000kg.	Deflection residual.	Height after 48 hrs loading with 1000kg .	Height after 48 hrs unloading with 1000kg.	Deflection Residual.
	Measured value	100.5mm	98mm	2.5mm	97..5mm	3mm	96.7mm	96.7mm	3.8mm

Observation : An average deflection Residual of 3.1 mm in height of the sample.

----- End report-----

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