



Department of Mechanical Engineering

Test Report

Date: 04.03.25

Name of the Customer:

Greenline Eco Product Pvt Ltd.
Perundurai, Erode.

Ref. No: ME-MPTL-T-2025-001

Report No: 001/012

Received Date: 21.02.25

Tested Date: 25.02.25

Sample Description: Reco Board

Type of Test: Tensile test

Test Result Summary:

Testing Method – ASTM D638

Sample ID –12 mm

S. No.	Description	Units	Results	
			Sample No. 1	Sample No. 2
1.	Tensile Strength	MPa	13.64	12.27
2.	Modulus (Automatic Young's)	MPa	332.65	387.87
3.	Maximum Force	kN	2.11	1.90
4.	Tensile strain(Displacement) at Tensile strength	%	8.71	8.31
5.	Tensile stress at Yield (Offset 0.2 %)	MPa	4.73	3.96
6.	Tensile strain(Displacement) at Yield (Offset 0.2 %)	%	1.57	1.16

Authorized Signatory

Dr. G. RAJESHKUMAR

Professor

Department of Mechanical Engineering

PSG Institute of Technology and Applied Research

Neelambur, Coimbatore - 641 062.