

DEPARTMENT OF CIVIL ENGINEERING

TEST REPORT

Test report No: BIT /SHI Lab / Polymer Sand Tiles / 2021002

Date: 22.09.2021

To

Sinter Machines,
 35, Peelamedu Industrial Estate, VK Road
 Peelamedu, Coimbatore -641004

Sub: Test report of Polymer (Reprocessed Plastics) + Sand Parking Floor Tile - 10mm height- Reg.
 Ref: - Your letter dated on 22.09.2021

RESULTS

Material : Parking Floor Tile produced in 40% LDPE Polymer + 60% Sand

Type of test : Flexural Strength for Parking Floor Tiles

Sl No	Mark on Specimen	Cross sectional area	Breaking Load (kN)	Ultimate flexural Strength (N/mm ²)	Average flexural Strength (N/mm ²)
1	T - 1	90000	0.8	8.0	6.67
2	T - 2	90000	0.7	7.0	
3	T - 3	90000	0.5	5.0	

Note:

- The tests were carried out as per the relevant IS 15658:2006
- The Paving Block were cast and supplied by **Sinter Machines, Coimbatore** and test is carried at concrete Laboratory of BIT.
- The name of the work mentioned based on the reference letter given by **Sinter Machines, Coimbatore**.

A. Srinivasan
 TESTING OFFICER

[Signature]
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