

TEST RESULTS

BLOCK PROPERTIES

● WATER ABSORPTION

Sample ID	Dry Weight (g)	Saturated weight (g)	Water Absorption (%)
I	6822.0	7322.0	7.33
II	6744.0	7306.5	8.34
III	6983.5	7409.5	6.1
IV	7173.0	7581.0	5.69
		Average Water Absorption	6.865

● COMPRESSIVE STRENGTH

Sample ID	Load at Failure (N)	Compressive Strength (MPa)
I	501,200	11.12
II	517,400	11.50
III	532,700	11.84
	Average	11.49

Loading Rate: $14 \text{ N/mm}^2/\text{min} = 14 \times 300 \times 150 + 60 \text{ 10,500 N/sec}$