

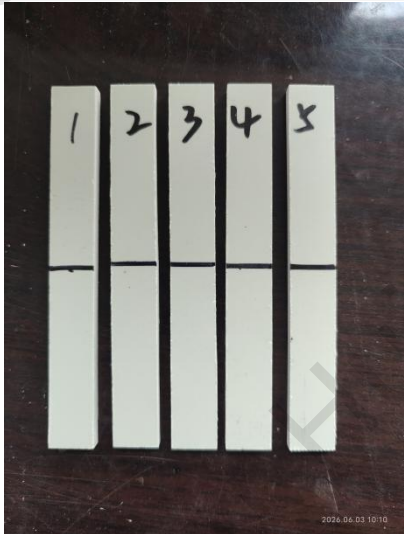
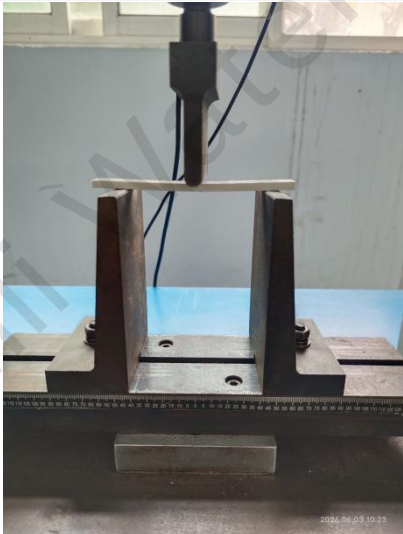
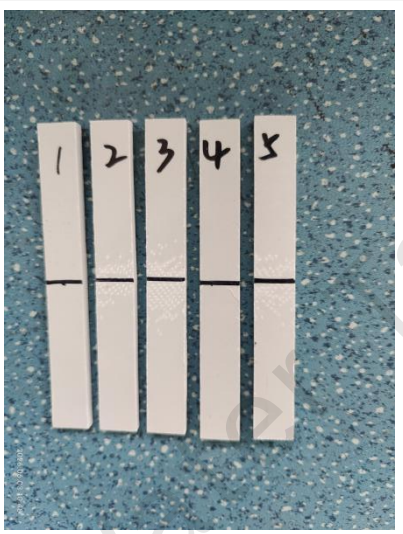


Molded Panel Performance Tests

1. GB/T 1449-2005 - Flexural Strength Test Report:

Specimens were taken from the center of the panel.

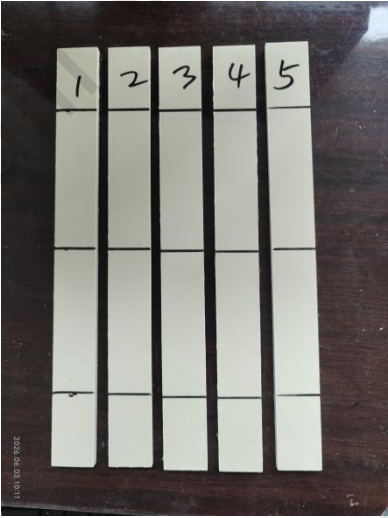
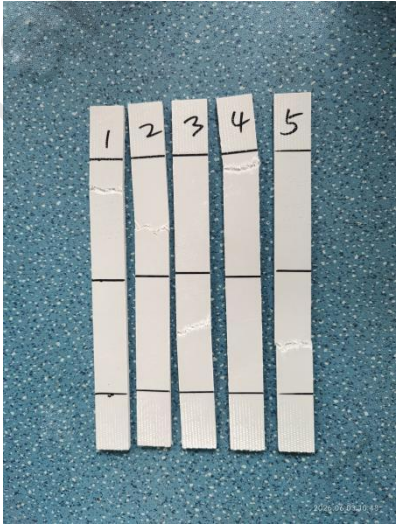
Specimen No.	Specimen Width	Specimen Thickness	Maximum Load	Flexural Strength	Flexural Modulus
	mm	mm	N	MPa	MPa
01	15.36	5.16	573.50	172.48	11400.00
02	15.35	4.92	475.50	157.40	10350.00
03	15.26	4.88	517.00	174.99	11350.00
04	15.44	5.36	607.50	168.45	10500.00
05	15.27	5.35	557.50	156.89	10050.00
Average	/	/	/	166.04	10730.00

Before Test	During Test	After Test
		

2. GB/T 1447-2005 - Tensile Strength Test Report:

Specimens were taken from the center of the panel.

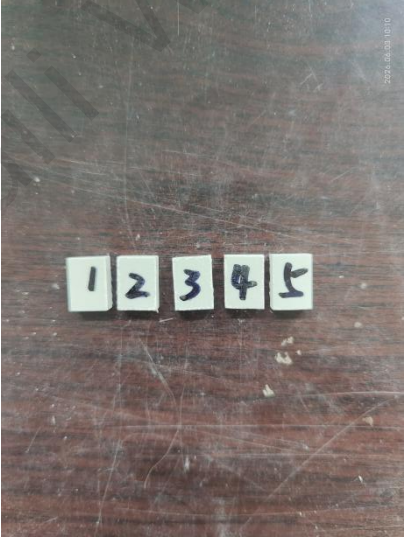
Specimen No.	Specimen Width	Specimen Thickness	Failure Load	Tensile Strength
	mm	mm	N	MPa
01	25.23	5.09	11970.0	93.21
02	24.91	4.79	9910.0	83.05
03	25.40	5.06	11786.0	91.71
04	25.18	5.04	12398.0	97.69
05	25.20	5.06	11946.0	93.69
Average	/	/	/	91.87

Before Test	During Test	After Test
		

3. GB/T 1448-2005 - Compressive Strength Test Report:

Specimens were taken from the center of the panel.

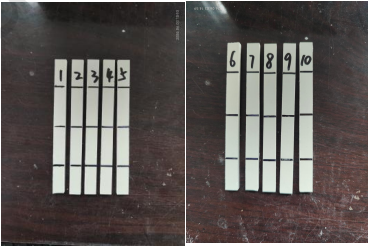
Specimen No.	Specimen Width	Specimen Thickness	Failure Load	Compressive Strength
	mm	mm	N	MPa
01	9.96	5.08	10074.0	199.09
02	10.05	5.04	8018.5	158.31
03	10.03	5.24	8341.5	158.70
04	10.15	5.17	8824.0	168.14
05	10.00	4.96	9324.5	187.99
Average	/	/	/	174.45

Before Test	During Test	After Test
		

4. GB/T 1451-2005 - Impact Strength Test Report:

Specimens were taken from the center of the panel.

Specimen No.	Specimen Width	Specimen Thickness	Failure Energy	Impact Strength
	mm	mm	J	kJ/m²
01	10.26	5.34	7.0	127.76
02	10.17	5.39	5.7	103.98
03	10.38	5.32	7.0	126.76
04	10.13	5.37	7.5	137.87
05	10.33	5.35	5.7	103.14
06	9.91	5.34	7.0	132.28
07	10.30	5.24	6.0	111.17
08	10.15	5.32	5.7	105.56
09	10.36	5.38	6.1	109.44
10	10.21	5.35	6.3	115.33
Average	/	/	/	117.33

Before Test	During Test	After Test
		

Test Date: June 3, 2026

Tested by: Dezhou Huili Water Tank Co.,Ltd.