



TIANYUAN MINERAL WOOL BOARD FACTORY

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Physical performance					
NO	Item		Standard request	Actual test result	Test authority
1	Appearance and dimension	Length	±0.5mm	0mm	National building materials test center
		Width	±0.5mm	0mm	
		Thickness	±0.5mm	±0.2mm	
		Right- angle deviation	≤1/1000	≤0.8/1000	
2	Bulk density		≤400kg/m ³	280-320kg/m ³	
3	Moisture rate		≤3.0%	≤0.68%	
4	Flexural load		≥130N	229N~460N	
5	Compressive stress or strength			0.36MPa	
6	Thermal resistance		≥0.19(m ² · k)/w	≥0.24(m ² · k)/w	
7	Flammability		grade B1	grade A	
8	Noise reduction coefficient		≥0.15	0.22~0.6	
9	moisture deflection		≤3.5mm	≤2mm	
10	Limit of formaldehyde emission		≤1.5mg/L	<0.1mg/L	
11	Asbestos content		not including asbestos fiber	No asbestos	
12	Radioactivity		internal irradiation index≤1.0	≤0.5	
			external irradiation index≤1.3	≤0.6	