

Composition Parameter

Component	Ratio(%)	Content
PVC	35%	6.51kg /piece
Caco3	62.24%	11.58kg /piece
Compound Stabilizer	2%	0.372kg /piece
Paraffin	0.22%	0.04kg /piece
CPE	0.25%	0.047kg /piece
Titanium Pigment	0.29%	0.054kg /piece

Apparent density and water absorption

Test Item	Test Reuslt	Test Standard
Water absorption (%)	0.17	SGS
Apparent density (kg/m 3)	2080	SGS

Formaldehyde Emission

Test Item	Unit	Standard Requirement	Result	Test Standard
Formaldehyde Emission (In air)	mg/m ³	Formaldehyde class E1: ≤0.124 mg/m ³ air	0.080 ND	EN 717-1:2004

Fire Retardant Grade B

NO.	Test Item			Test Reuslt	Single Conclusion	Test Standard	
1	Fire Retardant Grade B	B	(FIGRA ^{0.2MJ}), W/s	120	Conform requirements	EN 13501-1:2007+A1:2009.	
			(THR ^{600s}),MJ	7.5	Conform requirements		
			The fire spread Horizontal	LFS < edge of the long wing specimen	Conform requirements		
			Flame height in 60 seconds	Fs≤150mm	Conform requirements		
			The phenomenon of flame particles flaming filter paper in 60s	Not have the phenomenon	Conform requirements		
		Additional Information	s3	Grade of smoke	Not s1 or s2	Conform requirements	EN 13501-1:2007+A1:2009.
			d1	Flame drop particles	Flaming droplets/particles < 10 ss	Conform requirements	

Product Technical Specification	
Material	PVC + calcium powder +additive
Size	1.3-6mm
Specification	1220mm(width)*2440mm(length)
composition	PVC base board + hot stamping film + UV lacquer +protection film
Type	Marble, wood &3D
Density	2.0g/cm ³
Strength	176MPA
Vicat softening temperature	207°C
Ball indentation hardness	78.18N/cm ²
UV thickness	120-150g/piece
Variation rate of heating size	1.2%
Tensile elongation	16.1%
Fireproof class	Class B1