



(2015)豫质监认字(017)号



2015160467Z

Test Report

No:2015W0847

Name of Product: Polyurethane Sandwich Panel

Client: Henan Element New Materials Co., Ltd.

Test Category : Entrusted Inspection



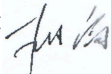
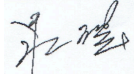
**Fire Product Quality Supervision and Testing Center of Henan
Province**

Summary of Test Results

No.2015W0847

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Name of Product	Polyurethane	Model and specifications	/
	Sandwich Panel	Trademark and grade	BI(C) level
Address, telephone and name of client	Henan Element New Materials Co., Ltd. 15538398137		
Address, telephone and name of inspected unit	/		
Productive unit	Henan Element New Materials Co., Ltd.		
Date of Production	June 04, 2015		
Sampler	/	Sampling date	/
Sampling quantity	22	Sampling location	/
Sample serial number	2015T0847	Sampling presentation date	June 08, 2015
Test Category	Entrusted Inspection	Sample status	Normal
Test standard	GB/T2406.2-2009, GB/T20184-2006, GB/T8626-2007, GB/T20285-2006, GB8624-2012		
Test item	Oxygen index, single burning, flammability test and smoke toxicity.		
Test results	The inspected sample is up to B1(B-s1. d0. t1) level after inspection.  Date of issuance: June 24, 2015		
Notes	The test results are only to relevant to the performance of inspection sample under the specific test condition and can't be used as the only basis for evaluating the potential fire hazard of the product in actual use.		

Approved by: Examined by: Composed by: 

报告

Summary of Test Results

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N O.	Test item	Test standard	Technical index	Test result	Test grade
1)	Oxygen index	GB/T2406 .2-2009	≥ 30	30	C- Grade
2)	Festival International du Grand Reportage d'Actualité FIGRA _{0.4MJ} (W/S)	GB/T2028 4-2006	≤ 250	25.1	C- Grade
3)	Lateral propagation of flame on the specimen LFS		Long blade does not reach the edge of the sample	Meet the requirements	C- Grade
4)	Total heat release THR _{600s} (MJ)		≤ 15	1.5	C- Grade
5)	Smoke generation rate index(SMOGRA), m^2/s^2		≤ 30	14.6	s1
6)	Total smoke production in 600 seconds (TSP _{600s}), m^2		≤ 50	34.0	s1
7)	Burning dripping/ particle		No burning drip in 600s/ particle	Meet the requirements	d0
8)	Flammability test	GB/T8626 -2007	Flame height in 60s FS ≤ 150 mm	Meet the requirements	C- Grade
			No burning drip ignited filter paper phenomenon	Meet the requirements	C- Grade
9)	Smoke Toxicity Lco (mg/l)	GB/T2028 5-2006	Achieve quasi-safety level ZA3	Meet the requirements	t1
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