

POSTER AND PANEL

C/ ELS PLANS DE LA SALA, 28 POL.IND. PLANS DE LA SALA 08650, SALLEN, BARCELONA, SPAIN

Las siguientes muestras han estado sometidas y identificadas identificadas por el cliente como:

Descripción: Textil Bolero Blackback Universal 300gr

Color: BLANCO

Grosor: 260µM

Densidad: 300GSM

Composición: 55% POLIÉSTER, 45% COATING

Proveedor: POSTER AND PANEL

País de destino: EUROPA

Aplicación final: INKJET MEDIA

Prueba solicitada:

Para determinar la flamabilidad (materiales de construcción tipo B1) de acuerdo con DIN 4102-1 (Mayo 1998) Comportamiento con el fuego Parte 1: Clasificación de materiales de construcción, Requisitos y pruebas

Resultados: -- Véase ficha adjunta --

Clasificación: La muestra probada cumple el tipo B1 requisitos de materiales de construcción DIN 4102-1 (Mayo 1998).

Período de pruebas:

Fecha recibo de muestras : OCT.08, 2016

Fecha de ejecución de la prueba : OCT.08, 2016 TO OCT.24, 2016

Firmado para y en representación de:
SGS-CSTC Co., Ltd. Anji Branch

Allen Zou
Manager técnico



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I. Prueba realizada

Ésta prueba se realizó según DIN 4102-15:1990 DIN 4102-16:1998 y DIN 4102-1:1998 Clause 6.2, y Clasificación en acorde de DIN 4102-1 (Mayo 1998) Clause 6.1-Tipo B1 materiales.

II. Detalles de la muestra

Descripción general / Color	COATED POLIESTER
Densidad	300 g/m ²
Medidas muestra	1000mm×190mm y 190mm×90mm

Acondicionamiento

Antes de la prueba, la muestra se acondicionó al menos 14 días a una masa constante a una temperatura de 23 ± 2°C y humedad relativa de 50 ± 6 %.

III. Resultados

1) "Brandschacht" Prueba acorde con DIN 4102-15 &16

Superficie expuesta: Cara frontal

Resultados de "Brandschacht" Test (part 1)				
No.	Unidad	Resultados		
		Largo	Ancho	
1	Resultados de acuerdo con DIN 4102 parte 15, tabla	/		
2	Altura máx. de la flama por encima de la parta	cm	50	50
3	inferior de la muestra tiempo ¹⁾	min:s	0:15	0:18
4	<u>Tiempo de quemado/disuelto</u> ¹⁾	min:s	0:03	0:04
5	<u>Trasera</u> Incendiado Tiempo ¹⁾	min:s	0:02	0:03
6	Desteñimiento Tiempo ¹⁾	min:s	0:04	0:05
7	Gotas hirvientes Inicio ¹⁾	min:s	0:06	0:08
8	<u>Cantidad</u> Material que se desprende en diferentes gotas		/	/
9	Material que se desprende de manera continuada		✓	✓



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Resultados de "Brandschacht" Test (part 2)				
No.	Unidad	Resultados		
		Longitud	Ancho	
	Partes que se queman			
10	Inicio 1)	min:s	0:12	0:15
11	Partes de la muestra que se caen por separado		✓	✓
12	Partes de la muestra cayendo continuamente		/	/
13	Duración de la combustión continua en la base de la malla. (max.)	min:s	No	No
14	Flama deteriorada por el material que se deshace Tiempo 1)	min:s	No	No
	<u>Final prematuro de la prueba</u>		/	/
15	Fin de la quema en la muestra. 1)	min:s	/	/
16	Hora en que terminó la prueba (si es aplicable) 1)	min:s	/	/
	<u>Quema después de la prueba</u>		No	No
17	Duración	min:s	/	/
18	Número de muestras		/	/
19	Parte frontal		/	/
20	Trasera		/	/
21	Altura de la flama	cm	/	/
22	Iluminación después de la prueba	min:s	No	No
23	Duración		/	/
24	Número de muestras		/	/
25	Parte frontal		/	/
26	Trasera		/	/
27	Parte superior de la muestra		/	/
	<u>Parte inferior de la muestra</u>		/	/



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Resultados de "Brandschacht" Test (part 3)						
No.	Unit	Resultados				
		Longitud		Ancho		
	<u>Longitud residual</u>					
28	Resultados individuales	cm	54	57	55	57
29	Media de resultados únicos	cm	52	53	56	57
			54.0		56.3	
	<u>Temperatura del humo</u>					
30	máx. de media	°C	146.2		145.4	
31	Tiempo ¹⁾	min:s	06:55		07:12	

Nota: ¹⁾ tiempo desde el inicio de la prueba

*Reducción en el número de pruebas (DIN 4102 Part 16, clause 5.2)

Materiales Tipo B1:

Si la longitudinal residual medida después de la primera prueba es de 45cm o más, no se requieren pruebas adicionales.

2) Prueba de inflamabilidad normal según DIN 4102-1 Clause 6.2

Prueba de la flama: [] ignición desde la parte inferior, [] superficie de ignición

Parámetro	Largo					Diagonal				
	1	2	3	4	5	6	7	8	9	10
Llega a la marca de medición en 20 segundos (Sí / No)	No	No	No	No	No	No	No	No	No	No
Auto extinción de la flama (s)	15	15	15	15	15	15	15	15	15	15
Max. altura de flama (cm)	5	6	6	5	5	4	5	5	4	5
Final de la flama (s)	15	15	15	15	15	15	15	15	15	15
Final de la iluminación (s)	15	15	15	15	15	15	15	15	15	15
Gotas hirviendo (Yes/No)	No	No	No	No	No	No	No	No	No	No
Humo (impresión visual)	Leve					Leve				

Todos los horarios son desde el inicio de la prueba.



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IV. DIN 4102-1:1998 Criterios de clasificación

1) Todos los materiales, excepto el piso, pueden clasificarse como materiales B1 si cumplen con los siguientes requisitos a) y b):

a) La prueba que utiliza el "Brandschacht" descrito en DIN 4102-15 (véase la subcláusula 6.1.3.1) se considerará aprobada si:

- El valor medio de la longitud residual (porción de muestra que no se ha quemado ni carbonizado; cf. subcláusula 9.1 de DIN 4102-16) de cada muestra mide al menos 15 cm y ningún valor individual es inferior a 0 cm,
- La temperatura media del efluente no supera los 200 ° C en ninguna prueba,
- El requisito de la longitud residual de cada espécimen se cumple incluso cuando hay llama posterior, resplandor posterior o arder sin llama.

b) Pass DIN 4102-1: 1998 subcláusula 6.2.3 Ignifugidad prueba si

Por cada muestra, la flama no llega a la marca de la medida antes de 20s de su quema

2) Estos materiales pueden ser clasificados B2 si pasan la prueba de ignifugidad de la prueba específica DIN 4102-1: 1998 subcláusula 6.2.5.

Por cada muestra, la flama no llega a la marca de la medida (150mm marcas) antes de 20s después de quemarlo.

3) Material combustible los cuales no pueden ser clasificados como B1 o B2 deben ser clasificados como B3.

CONCLUSIONES

Esta prueba no sustituye ningún certificado obligatorio de producción que pueda ser requerido.

Los resultados de la prueba se refieren al comportamiento de las muestras probadas del producto bajo condiciones específicas. No están pensadas para ser un solo criterio para asesorar la problemática con el fuego y humo de la producción en uso.



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