

Customer details: Sensorybeanbags
Doonavanig
Minane Bridge
Kinsale
County Cork
Eire
P17 EY86

SATRA reference: CHM0255900/1713/SPC

Your reference: PO 4834

Date of report: 24 April 2017

Samples received: 29 March 2017

For the attention of: Julie Hannon

Date(s) work carried out: 20 April 2017

TECHNICAL REPORT

Subject: Testing in accordance with EN 71 part 2 on two samples referenced as Sensorybeanbag and Weighted blanket.

Conditions of Issue:

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The uncertainty of the results (UoM) in this report is based on a standard uncertainty multiplied by a coverage factor $k=2$, which provides for a confidence level of approximately 95%.

Report signed by: David Mckeown
Position: Technologist
Department: Safety Product Centre

Work requested

Samples described as 'Weighted Blanket' and 'Sensory Beanbag' were received for flammability assessment in accordance with BS EN 71-2: 2011+A1:2014.



Materials tested

- Bean bag outer cover assembly consisting of Outer fleece plus inner lining
- Weighted blanket

Conclusion

Standard	Sample	Pass/ Fail
BS EN 71-2: 2011+A1:2014 4.5 Soft-filled toys	Bean bag outer cover assembly consisting of Outer fleece plus inner lining	PASS
	Weighted blanket	PASS

Test conditions

Prior to testing the samples were subjected to one wash cycle in accordance with EN ISO 6330:2012 programme 4M (a gentle wash at 40°C), followed by line drying.

Following drying the samples were placed in a conditioned laboratory with an environment maintained at 20±2°C and 65±5% relative humidity. Testing was started within 5 minutes of removal from the conditioned environment.

Test results

EN 71-2:2011+A1:2014 Test results – Sensory Beanbag

Clause / Test	Requirement	Test Results	UoM (See Note A)	Result	
Clause 4.5 Soft-filled toys	The requirements of this sub-clause do not apply to soft-filled toys or soft-filled parts of a toy that cannot be cuddled or hugged by a child during play, or toys which, when positioned in accordance with 5.5.3, present a maximum unhindered vertical soft-filled height of 150 mm or less.	1) Test flame applied to: Outer/Inner Assembly			
		Self-extinguishing?	Yes		
		Rate of flame spread mm/s:	N/A		
		2) Test flame applied to: Outer/Inner Assembly			
		Self-extinguishing?	Yes		
		Rate of flame spread mm/s:	N/A		
	Toys shall be tested as supplied, including any clothing or cover present with the toy and, if considered to be more onerous, with the clothes or cover removed if removal can be accomplished without damage to the clothes, cover or toy. The rate of flame spread shall be not more than 30 mm.s ⁻¹ or shall self-extinguish	3) Test flame applied to: Outer/Inner Assembly		± 0.4 s	PASS
		Self-extinguishing?	No		
		Rate of flame spread mm/s:	2		
		4) Test flame applied to: Beads See note B			
		Self-extinguishing?	Yes		
		Rate of flame spread mm/s:	N/A		

EN 71-2:2011+A1:2014 Test results – Weighted Blanket

Clause / Test	Requirement	Test Results	UoM (See Note A)	Result
Clause 4.5 Soft-filled toys	The requirements of this sub-clause do not apply to soft-filled toys or soft-filled parts of a toy that cannot be cuddled or hugged by a child during play, or toys which, when positioned in accordance with 5.5.3, present a maximum unhindered vertical soft-filled height of 150 mm or less.	1) Test flame applied to: Surface of sample Self-extinguishing? Yes Rate of flame spread mm/s: 5 (note C)		
	Toys shall be tested as supplied, including any clothing or cover present with the toy and, if considered to be more onerous, with the clothes or cover removed if removal can be accomplished without damage to the clothes, cover or toy. The rate of flame spread shall be not more than 30 mm.s ⁻¹ or shall self-extinguish		± 0.4 s	PASS

Note A – ‘UoM’ denotes estimated Uncertainty of Measurement for stated test results. This uncertainty value is based on a standard uncertainty multiplied by a coverage factor k = 2, which provides for a confidence level of approximately 95%

Note B – Beads from the bean bag appeared to evaporate when exposed to test flame

Note C – Sample burned for a sufficient distance (20 mm) to record a rate of flame spread but then self-extinguished

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Issue Date: 1st October 2009