

Toxicity (Flaming Mode) Test Results

Regulation:	N/A	Criteria:	Boeing Criteria	Procedure:	BSS 7239
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Customer Information
Keyland Polymer UV Powder 4621 Hinckley Industrial Parkway Cleveland, OH 44109 PO#: 1244

Sample Notes
PB16-19G31T1 ALUMINUM PANELS #7, #8, AND #9

Gas	Limit (ppm) at 4 min	Sample 1			Sample 2			Sample 3		
		Value	Method	Result	Value	Method	Result	Value	Method	Result
HCN	150	< 1	DT	PASS	< 1	DT	PASS	-	-	-
CO	3500	14	GF	PASS	14	GF	PASS	-	-	-
NO/NO ²	100	3	GF	PASS	3	GF	PASS	-	-	-
SO ²	100	0	GF	PASS	0	GF	PASS	-	-	-
HF	200	* < 1	DT	PASS	< 1	DT	PASS	-	-	-
HCL	500	< 1	DT	PASS	< 1	DT	PASS	-	-	-

DT = Dräger Tubes | PO = Potentiometry | GF = Gas Flue Analysis (Testo 350)
 IND. = Indeterminate. Test values exceed maximum limits of Dräger Tube
 *Positive = Indicative test; HF is detected

Results

PASS

Notes: Tested at Herb Curry Inc. See attached original report.

FAIL

The results of this test report have been obtained in compliance with the listed requirements and/or specifications. Amendment levels are that of the current amendments on the date testing was performed, unless otherwise specified. Aeroblaze applies a pass/fail criteria based on the outcome of the test regardless of the measurement uncertainty, except in cases where the customer specifically requests that measurement uncertainty be applied. This test report shall not be reproduced, except in full, without written approval from Aeroblaze Laboratory Inc. The test results relate only to the items tested.

Andrew Feghali
 Andrew Feghali, Lab Manager

8/21/2019

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**TOXICITY CERTIFICATE
 BOEING BSS 7239Flaming**

Herb Curry, Inc. has been accredited to ISO/IEC 17025:2005 for testing. PJLA Accreditation #80445

REQUESTOR: Aeroblaze Laboratory
 12819 Harmon Road #575
 Fort Worth, TX 76177

PHONE: 817-668-0628 X500

DATE: 8/20/2019

Attn: Andrew Feghali
 Email: andrew.feghali@aeroblazelab.com

Sample ID: PB16-19G31T3

THICKNESS: 0.029
 P.O. #: 1133
 Physical Condition of Samples: Good

REFERENCE: Chamber S/N 61900, BSS 7239
 Dräger Tubes (DT), Potentiometry (PO), Gas Flue Analysis (Testo 350) (GF)

RESULTS:

GASSES	LIMITS @ 4 MIN	FLAMING		P/F	FLAMING		P/F	FLAMING		P/F
		Result	Method		Result	Method		Result	Method	
HCN	150 PPM	<1	<input checked="" type="checkbox"/> DT	P	<1	<input checked="" type="checkbox"/> DT			<input type="checkbox"/> DT	
CO	3500 PPM	14	<input type="checkbox"/> DT <input checked="" type="checkbox"/> GF	P	14	<input type="checkbox"/> DT <input checked="" type="checkbox"/> GF			<input type="checkbox"/> DT <input type="checkbox"/> GF	
NO/NO ²	100 PPM	3	<input type="checkbox"/> DT <input checked="" type="checkbox"/> GF	P	3	<input type="checkbox"/> DT <input checked="" type="checkbox"/> GF			<input type="checkbox"/> DT <input type="checkbox"/> GF	
SO ²	100 PPM	0	<input type="checkbox"/> DT <input checked="" type="checkbox"/> GF	P	0	<input type="checkbox"/> DT <input checked="" type="checkbox"/> GF			<input type="checkbox"/> DT <input type="checkbox"/> GF	
HF	200 PPM	* <1	<input checked="" type="checkbox"/> DT	P	<1	<input type="checkbox"/> PO <input checked="" type="checkbox"/> DT			<input type="checkbox"/> PO <input type="checkbox"/> DT	
HCL	500 PPM	<1	<input checked="" type="checkbox"/> DT	P	<1	<input checked="" type="checkbox"/> DT			<input type="checkbox"/> DT	

Note: IND. = Indeterminate. Test values exceed maximum limits of Dräger tube.
 *Positive = Indicative test; HF is detected

Tested by: Scott VanWormer

Date: 8-21-19

Authorized by: Scott VanWormer

Position: Vice-President

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 Results contained in this report are reflective only of the items tested. The unique ID# of the test report is the test report date and unique sample ID#.*