



YUPO®

YUPO CORPORATION

Shin-Ochanomizu building 15F

4-3, Kanda Surugadai, Chiyoda-ku,

Tokyo 101-0062 Japan

Tel: (81)3-5281-0813

Fax: (81)3-5281-0819

Date: February 21, 2012

## YUPO Burning Test Results

Dear Sir or Madam,

Regarding to your request, I would like to inform you of "Burning Test Results" of YUPO® as attached file;

Sincerely yours,

Kazuhisa Kitamura

Deputy General Manager &

Development Planning Group & Quality Control Group

## VTM BURNING TEST RESULTS

PF-7-R2-2-1

Issued:11/25/94

Revised:11/04/03

Test Method:

UL94,5th Ed.(10/29/96),Sec.11

CSA C22.2 No.0.17

ASTM D4804-03

Refer to Chemitox's Procedure TPF-7.

File No.: \_\_\_\_\_

Project No.: \_\_\_\_\_

Ref.: 050977

Date: 7/12/05

Grade: \_\_\_\_\_

Material: PP

Thickness: Ave. 0.22mm

Color: Wt

Min.48h Cond at 23±2°C and 50±5%RH					Conditioned 168h at 70±1°C				
Speci- men	Thk mm	t1 sec	t2 sec	t2+t3 sec	Speci- men	Thk mm	t1 sec	t2 sec	t2+t3 sec
1	0.22	71 (1,4)	-	- (-)	1				
2	0.22	71 (1,4)	-	- (-)	2				
3	0.22	56 (1,4)	-	- (-)	3				
4	0.22	50 (1,4)	-	- (-)	4				
5	0.22	76 (1,4)	-	- (-)	5				
Ave.	0.22				Ave.				
Total Flame Time(t1+t2), Sec: -					Total Flame Time(t1+t2), Sec:				

FLAME  
CLASS

VTM- X

Unacceptable

Grade: \_\_\_\_\_

Material: \_\_\_\_\_

Thickness: \_\_\_\_\_

Color: \_\_\_\_\_

Min.48h Cond at 23±2°C and 50±5%RH					Conditioned 168h at 70±1°C				
Speci- men	Thk mm	t1 sec	t2 sec	t2+t3 sec	Speci- men	Thk mm	t1 sec	t2 sec	t2+t3 sec
1					1				
2					2				
3					3				
4					4				
5					5				
Ave.					Ave.				
Total Flame Time(t1+t2), Sec:					Total Flame Time(t1+t2), Sec:				

FLAME  
CLASS

VTM-

(1) Specimen burned up to 125mm mark.

(4) Specimen dripped particles which ignited cotton.

(2) Specimen did not drip.

(5) Fumes from specimen extinguished flame-burner

(3) Specimen dripped particles which did not ignite cotton.

relit during test.

(6) \_\_\_\_\_

Performed by :

*Hitoshi Watanabe*

Hitoshi Watanabe