

**TEXAS CONNECTION
FLAMMABILITY TESTING
FAA Fire Testing Lab.**

1003 Mesquite Dr. Keller Texas 76248 Phone (817) 308-2932

Client: Professional Plastics
1371 N. Glenville Drive
Richardson, Tx. 75081-2414

Job Number: PP-13-01
Specimen Number: 1

VERTICAL FLAMMABILITY TEST RESULTS

FAR 25.853 (a)
Tested to Appendix F (a) (1) (I)

Material conditioned for 24 hours @ 70 deg. +/- 5 deg. & 50% +/- 5% relative humidity

Conditioning Room: Time In: 8:05AM

Date In: 12/12/13

Conditioning Room: Time out: 8:10AM

Date out: 12/16/13

Specimen Usage: Prolens Clear

Notes:	Material:	P/N:	PO #:	Batch/Lot:
	Polycarbonate FR AR2	SPCAR2CL (.060)	unk	A712041016

Flame temperature complies with Appendix F Part 1 of 25.853 (1550 deg. F Min.)

Actual
1569 deg. F

Flame Application (seconds)	Flame Time (seconds) <u>Warp</u>	Burn Length (inches) <u>Warp</u>	Drippings (seconds) <u>Warp</u>
60	0	2.1	0
60	0	2.3	0
60	0	2.6	0
Average: →	0.00	2.33	0.00

Test Requirements (Maximum)

Vertical (60sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 6". Average Drippings may not exceed 3 sec. After falling.

Passed

Failed

[Signature]

Burn Test Results Certified by:
Flammability DER

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Job Number: PP-13-01
Specimen Number: 2

VERTICAL FLAMMABILITY TEST RESULTS

FAR 25.853 (a)
Tested to Appendix F (a) (1) (i)

Material conditioned for 24 hours @ 70 deg. +/- 5 deg. & 50% +/- 5% relative humidity

Conditioning Room: Time In: 8:05AM Date In: 12/12/13
Conditioning Room: Time out: 8:15AM Date out: 12/16/13

Specimen Usage: ProLens Clear

Notes: Material: P/N: PO #: Batch/Lot:
Polycarbonate SPCAR2CL (.080) unk A712041016
FR AR2

Flame temperature complies with Appendix F Part 1 of 25.853 (1550 deg. F Min.)

Actual
1569 deg. F


Flame Application (seconds)	Flame Time (seconds)	Burn Length (Inches)	Drippings (seconds)
	<u>Warp</u>	<u>Warp</u>	<u>Warp</u>
60	0	2.2	0
60	0	2	0
60	0	1.8	0
Average: →	0.00	2.00	0.00

Test Requirements (Maximum)

Vertical (60sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 6". Average Drippings may not exceed 3 sec. After falling.

Passed

Failed


Burn Test Results Certified by:
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Client: Professional Plastics
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Job Number: PP-13-01
Specimen Number: 3

VERTICAL FLAMMABILITY TEST RESULTS

FAR 25.853 (a)
Tested to Appendix F (a) (1) (i)

Material conditioned for 24 hours @ 70 deg. +/- 5 deg. & 50% +/- 5% relative humidity

Conditioning Room: Time In: 8:05AM Date In: 12/12/13

Conditioning Room: Time out: 8:20AM Date out: 12/16/13

Specimen Usage: Prolens Clear

Notes:	Material: Polycarbonate FR AR2	P/N: SPCAR2CL (.118)	PO # : unk	Batch/Lot: A712041016
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Flame temperature complies with Appendix F Part 1 of 25.853 (1550 deg. F Min.)

Actual
1569 deg. F


Flame Application (seconds)	Flame Time (seconds)	Burn Length (inches)	Drippings (seconds)
	<u>Warp</u>	<u>Warp</u>	<u>Warp</u>
60	0	1.3	0
60	0	1.8	0
60	0	1.7	0
Average: →	0.00	1.60	0.00

Test Requirements (Maximum)

Vertical (60sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average Burn Length may not exceed 6". Average Drippings may not exceed 3 sec. After falling.

Passed

Failed


Burn Test Results Certified by:
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1003 Mesquite Dr. Keller Texas 76248 Phone (817) 308-2932

Client: Professional Plastics
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Job Number: PP-13-01
Specimen Number: 4

VERTICAL FLAMMABILITY TEST RESULTS

FAR 25.853 (a)
Tested to Appendix F (a) (1) (I)

Material conditioned for 24 hours @ 70 deg. +/- 5 deg. & 50% +/- 5% relative humidity

Conditioning Room: Time In: 8:05AM

Date In: 12/12/13

Conditioning Room: Time out: 8:25AM

Date out: 12/16/13

Specimen Usage: Prolens Clear

Notes:	Material: Polycarbonate FR AR2	P/N: SPCAR2CL (.236)	PO # : unk	Batch/Lot: A712041015
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Flame temperature complies with Appendix F Part 1 of 25.853 (1550 deg. F Min.)

Actual
1569 deg. F

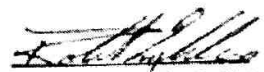
Flame Application (seconds)	Flame Time (seconds) <u>Warp</u>	Burn Length (inches) <u>Warp</u>	Drippings (seconds) <u>Warp</u>
60	0	1.4	0
60	0	1.3	0
60	0	1.4	0
Average: →	0.00	1.37	0.00

Test Requirements (Maximum)

Vertical (60sec.) Burn Test: Average Self-Extinguish time may not exceed 15 sec. Average.
Burn Length may not exceed 6". Average Drippings may not exceed 3 sec. After falling.

Passed

Failed



Burn Test Results Certified by:
Flammability DER