

**Customer** : NORRES SCHLAUCHTECHNIK GMBH      **Department:** UL TTC  
**File Number** : KUEXT10591      NORRES SCHLAUCHTECHNIK GMBH\_11678873  
**Date of receipt** : 2017-03-28 00:00      032XXXXXXXX-000010  
**Material** : -

## UL94V Flammability Test

*\*Tested with switched off light in flame hood*

material: -		lot: AIRDUC			color: non colored				
					PUR 355 AS				
at least 48h at 23± 2°C / 50± 5% r.F.					storing 168h at 70± 1°C				
sample	thickness	t1	t2	t2 + t3	sample	thickness	t1	t2	t2 + t3
	mm	s	s	s		mm	s	s	s
1	0,96	3,0 (4)	1,0	1,0 (4)	1	0,99	1,0 (4)	2,0	2,0 (4)
2	0,97	1,0 (4)	1,0	1,0 (4)	2	0,97	10,0 (4)	3,0	3,0 (4)
3	0,96	1,0 (4)	>35,1	>35,1 (4)	3	0,96	1,0 (4)	2,0	2,0 (4)
4	0,96	10,0 (4)	6,0	6,0 (4)	4	0,99	1,0 (4)	2,0	2,0 (4)
5	0,97	3,0 (4)	3,0	3,0 (4)	5	1,00	3,0 (4)	4,0	4,0 (4)
total afterflaming time (t1+ t2), s: <b>&gt;64,1</b>					total afterflaming time (t1+ t2), s: <b>29,0</b>				
date of test: <u>2017-04-07 14:02</u> operator: <u>21946</u>					date of test: <u>2017-04-10 11:22</u> operator: <u>21946</u>				
micrometer: 85198 hood/PC: #0/3					micrometer: 85198 hood/PC: #0/3				
remark: -					remark: -				
-					-				
-					-				

<b>Flame Class</b>  <b>V-2</b>
--------------------------------------

see Re-test

Customer : NORRES SCHLAUCHTECHNIK GMBH Department: UL TTC  
 File Number : KUEXT10591 NORRES SCHLAUCHTECHNIK GMBH\_11678873  
 Date of receipt : 2017-03-28 00:00 032XXXXXXXX-000010  
 Material : -

## UL94V Flammability Test

*\*Tested with switched off light in flame hood*

material: -		lot: AIRDUC			color: non colored				
		PUR 355 AS							
at least 48h at 23± 2°C / 50± 5% r.F.					storing 168h at 70± 1°C				
sample	thickness mm	t1 s	t2 s	t2 + t3 s	sample	thickness mm	t1 s	t2 s	t2 + t3 s
1	1,20	1,0 (4)	1,0	1,0 (4)	1	1,19	1,0 (4)	2,0	2,0 (4)
2	1,19	1,0 (4)	2,0	2,0 (4)	2	1,22	1,0 (4)	2,0	2,0 (4)
3	1,22	1,0 (4)	1,0	1,0 (4)	3	1,19	2,0 (4)	25,0	25,0 (4)
4	1,18	1,0 (4)	8,0	8,0 (4)	4	1,22	1,0 (4)	3,0	3,0 (4)
5	1,20	1,0 (4)	1,0	1,0 (4)	5	1,25	1,0 (4)	3,0	3,0 (4)
total afterflaming time (t1+ t2), s: <b>18,0</b>					total afterflaming time (t1+ t2), s: <b>41,0</b>				
date of test: <u>2017-03-31 11:06</u> operator: <u>21946</u>					date of test: <u>2017-04-10 11:33</u> operator: <u>21946</u>				
micrometer: 85198 hood/PC: #0/1					micrometer: 85198 hood/PC: #0/3				
remark: -					remark: -				
-					-				
-					-				

<b>Flame Class</b>
<b>V-2</b>

- ( 1 ) Specimen burned up to holding clamp.
  - ( 2 ) Specimen did not drip.
  - ( 3 ) Specimen drips
  - ( 4 ) Specimen dripped particles which ignited cotton.
  - ( 7 ) Fumes from specimen extinguished flame-burner relit during test
- t1= afterflaming time of first flaming  
 t2= afterflaming time of second flaming  
 t3= afterglowing time

Customer : NORRES SCHLAUCHTECHNIK GMBH Department: UL TTC  
 File Number : KUEXT10591 NORRES SCHLAUCHTECHNIK GMBH\_11678873  
 Date of receipt : 2017-03-28 00:00 032XXXXXXXX-000010  
 Material : -

## UL94V Flammability Test

\*Tested with switched off light in flame hood

material: -					lot: AIRDUC					color: non colored									
										PUR 355 AS									
at least 48h at 23± 2°C / 50± 5% r.F.					storing 168h at 70± 1°C														
sample	thickness	t1	t2	t2 + t3	sample	thickness	t1	t2	t2 + t3										
	mm	s	s	s		mm	s	s	s										
1	1,51	1,0 (4)	2,0	2,0 (4)	1	1,47	4,0 (4)	1,0	1,0 (4)										
2	1,52	1,0 (4)	3,0	3,0 (4)	2	1,47	7,0 (4)	4,0	4,0 (4)										
3	1,54	1,0 (4)	3,0	3,0 (4)	3	1,50	1,0 (4)	4,0	4,0 (4)										
4	1,50	2,0 (4)	3,0	3,0 (4)	4	1,48	1,0 (4)	33,0	33,0 (1)										
5	1,53	1,0 (4)	2,0	2,0 (4)	5	1,47	1,0 (4)	1,0	1,0 (4)										
total afterflaming time (t1+ t2), s: 19,0					total afterflaming time (t1+ t2), s: 57,0					see Re-test									
date of test: 2017-04-06 10:12 operator: 48809					date of test: 2017-04-10 13:13 operator: 21946														
micrometer: 59591 hood/PC: #0/2					micrometer: 85198 hood/PC: #0/3														
remark: -					remark: -														
-					-														
-					-														
material: -					lot: AIRDUC					color: non colored									
										PUR 355 AS									
at least 48h at 23± 2°C / 50± 5% r.F.					storing 168h at 70± 1°C					Re-test									
sample	thickness	t1	t2	t2 + t3	sample	thickness	t1	t2	t2 + t3										
	mm	s	s	s		mm	s	s	s										
1					1	1,49	4,0 (4)	4,0	4,0 (4)										
2					2	1,52	1,0 (4)	5,0	5,0 (4)										
3					3	1,45	1,0 (4)	2,0	2,0 (4)										
4					4	1,51	1,0 (4)	2,0	2,0 (4)										
5					5	1,41	2,0 (4)	1,0	1,0 (4)										
total afterflaming time (t1+ t2), s:					total afterflaming time (t1+ t2), s: 23,0														
date of test: _____ operator: _____					date of test: 2017-04-10 13:29 operator: 21946														
micrometer: _____ hood/PC: _____					micrometer: 85198 hood/PC: #0/3														
remark: -					remark: -														
-					-														
-					-														

**Flame Class**  
**V-2**

**Re-test**  
**Flame Class**  
**V-2**

- (1) Specimen burned up to holding clamp.
  - (2) Specimen did not drip.
  - (3) Specimen drips
  - (4) Specimen dripped particles which ignited cotton.
  - (7) Fumes from specimen extinguished flame-burner relit during test
- t1= afterflaming time of first flaming  
 t2= afterflaming time of second flaming  
 t3= afterglowing time