



# Thermoplastics Testing Center

## UL 94 HB

### SOP: TTC - 05.1.7.3

Order No.:	KUEXT10591	Lot:	PROTAPE PUR 301 AS	Instrument:	Hood 1
Order code:	-	Type:		Specimen type:	125±5 x 13±0,5 x d mm <sup>3</sup>
Identification:	6/2	Batch:	-	Pre-Conditioning:	min. 48h 23°C ± 2°C / 50% ± 10% rel. humidity
Customer:	Norres Schlauchtechnik GmbH	Color:	non colored	Test climate:	23°C/51% rel. Humidity
Date of receipt:	March 28, 2017			Gas flow rate [ml/min]:	103
Date of testing:	April 4, 2017			Pressure [mbar]:	0,4
Operator:	Mrs. Bajcer				*Tested with switched off light in flame hood

Remarks:

#### Results:

Specimen height [mm]	Specimen No	Burn time		Burn distance		Burn rate [mm/min]	Results	Remarks
		Total [s]	From 1st mark [s]	Total [mm]	From 1st mark [mm]			
0,42	1	43	17	35	10	35,3	pass	
0,43	2	51	35	100	75	128,6	fail	
0,42	3	20	0	18	0	0,0	pass	

#### Retest

Specimen height [mm]	Specimen No	Burn time		Burn distance		Burn rate [mm/min]	Results	Remarks
		Total [s]	From 1st mark [s]	Total [mm]	From 1st mark [mm]			
0,42	4	111	96	100	75	46,9	pass	
0,42	5	30	0	20	0	0,0	pass	
0,42	6	104	86	100	75	52,3	pass	

#### UL 94 HB pass

Pass:	extinguishes before 100mm mark, or:	
	Height [mm]	Burn rate [mm/min]
	3 to 13	≤ 40
< 3	≤ 75	

Remark: WG = burns on the wire gauze