

## DESCRIPTION OF TEST METHOD

The test is carried out in a constant-condition fume cupboard by introducing the material on a suitable sample dish and heating from beneath with a small electric furnace (smouldering conditions) or with the same furnace together with a small ignition flame (flaming conditions). The small furnace is set so that the sample receives 2.5 W/cm<sup>2</sup> thermal energy. The light transmission through the smoke, resulting from the burning or combustion of the sample, is detected by a photocell which senses a vertical beam of light passing through the smoke. The amount of light transmission passed during the test is expressed as the specific optical density value.

## LATI – MATERIALS CERTIFIED

	LATENE 3 H2W-V0		LATAMID 68 H2-V0		LATAMID 66 H2 G/25-V0KB1		LATILON 28D G/30		KELON B FR H2 CEG/500 -V0CT3
<b>Certificate issued in date</b>	12/05/1989		12/05/1989		12/05/1989		12/05/1989		23/07/1991
	Smould.	Flaming.	Smould.	Flaming.	Smould.	Flaming.	Smould.	Flaming.	Flaming.
<b>Maximum specific optical density (Dm)</b>	567	430	79	155	5	279	35	188	238
<b>Time (to reach Dm)</b>	18:00	12:00	17:00	10:00	18:00	18:00	19:00	19:00	17:00
<b>Corrected maximum specific optical density</b>	552	427	72	132	1	272	33	182	201
<b>Specific optical density at 90 secs</b>	19	54	10	6	2	8	2	6	1
<b>Specific optical density at 4 mins</b>	224	219	32	80	3	31	4	9	4
<b>Weight loss %</b>	42	38	30	91	3	15	16	16	4

*Note: Tests carried out on the account of LATI by CSI Lab.*

### REMARKS

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