

# Santoprene 121-62M100 TPV

## Flammability Test Report (ISO 3795)

Lot No.: PLA4045

Project No.: 10-158-1

Tested by: ExxonMobil Chemical, BRDTC

Santoprene 121-62M100 TPV meets the requirements of 100 mm per minute maximum burn rate per test method ISO 3795 "Road vehicles and tractors and machinery for agriculture and forestry — Determination of burning behavior in Interior materials". Santoprene 121-62M100 TPV is in compliance with ISO 3795.

ISO 3795 is technically equivalent to FMVSS 302.

### Standard

- (1) Burn rate 4 inch (100 mm)/min. or lower. Indicate the burn rate.
- (2) Specimen burned for less than 60 sec. and flame traveled less than 2 inch from point where timing was started. Indicate as "SE".
- (3) Burning stops before the start of timing or no burning. Indicate as "0".

	<b>Specimen Thickness: 2 mm</b>		
<b>Specimen Condition Prior to Testing</b>	1. Standard Condition (23°C, 50% RH)		
<b>Specimen Condition</b>	Temperature: 23°C	Relative Humidity: 50%	Time: 24 hr (min.)
<b>Burning Test Condition</b>	Temperature: 23°C	Relative Humidity: 50%	

### Test Results

	<b>Burn Time T (sec.)</b>	<b>Burn Distance D (mm)</b>	<b>Burn Rate B (mm/min)</b>
1	435	254	35.03
2	460	254	33.13
3	354	254	43.05
4	478	254	31.88
5	381	254	40.00
6			
7			
8			
9			
10			
Ave			36.62

**Note:** Calculate the burn rate by the following formula:  $B \text{ mm/min} = 60 (D/T)$ .

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Contact us for more information:

[santoprene.com](http://santoprene.com)

[santoprene.answerperson@celanese.com](mailto:santoprene.answerperson@celanese.com)