**Farming, Food and Health. First**

*Te Ahuwhenua, Te Kai me te Whai Ora. Tuatahi*

# WRONZ LABORATORY       No.08/195

(Please quote this number in all correspondence)

| CLIENT: | SAMPLE RECEIVED FROM: | Date: 27.02.08 |
|---|---|---|
| W Wiggins Ltd | W Wiggins Ltd | |
| P O Box 97 149 | | |
| Manukau City | SAMPLE DESCRIPTION: | |
| Auckland | One sample Ferrari Soltis-86. | |

Attn: Neville Harvey

Client Order No.:          Client Reference:          1

## AS 1530 Pt 2 - 1993 TEST FOR FLAMMABILITY OF MATERIALS

- samples conditioned at 65% RH and 20°C
- samples tested as received.

Results:

| Face warp | Mark burnt to | Time to reach 21st mark (seconds) | Heat output (°C - minutes) |
|---|---|---|---|
| 1 | 5 | - | 3.0 |
| 2 | 6 | - | 2.1 |
| 3 | 5 | - | 2.0 |
| 4 | 4 | - | 2.5 |
| 5 | 5 | - | 2.8 |
| 6 | 5 | - | 2.5 |
| mean | D = 5 | t = - | A = 2.5 |
| CV% | D = 13 | t = - | A = 15 |

L A Greer  Testing Manager          31/03/2008
Signatory

## AgResearch Test Report

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**agresearch** Farming, Food and Health. **First**
Te Ahuwhenua, Te Kai me te Whai Ora. **Tuatahi**

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Client Order No.:            Client Reference:            2

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### Speed Factor (S)
(only calculated when the flame reached the 21st mark on three or more specimens in less than 54 seconds) otherwise 0)

warp      S =   0

$$S = 60 - \frac{3t}{8}$$

### Heat Factor (H)

warp      H =   1

$$H = 0.24 \times A$$

### Spread Factor (E)
(only calculated when the flame fails to reach the 21 mark on three or more specimens in less than 54 seconds)

warp      E =   4

$$E = \frac{20}{9} \times D - 3$$

### Flammability Index (I)

warp      I =   5

I = H+E – when flame doesn't reach 21st

mark in < 54 seconds.
I = H+S – when flame does reach 21st
mark in<54 seconds

\* These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

L A Greer, Testing Manager        31/03/2008
Signatory