

Premium

for

Quality

Wool

### Optical Fibre Diameter Analyser: Fibre Curve Measurement

Produced for the CRC for Premium Quality Wool undergraduate program by; Mark Brims, BSC Electronics Pty Ltd., and Dr. Peter Auer, The University of New South Wales.

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## **OFDA Fibre Curve Measurement**

Part of normal OFDA diameter program

- set "curve measure" to yes
- Degree of bend of the snippet
  - deg/mm
  - histogram

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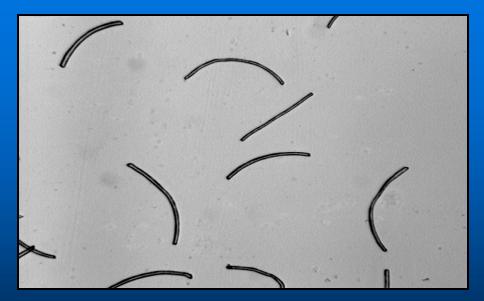
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high curve - high crimp frequency





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| stogram |
|---------|
| · et .  |
| Η       |
| Curve   |

| Curve Histogram | Date : 29Jul99 | Sample ID :     | Description : OFDA | Lot/Client : | cum. <sup>3</sup> curve count 10 20 |  |   |   | 101-10 10 10 10 10 10 10 10 10 10 10 10 10 1 |  |  | 20,8 104 50 Issuentietikenseerinetsens |  |     | 13.2 152 27 International statements and the second statement and the s |  |  |
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|                 |                |                 |                    |              | 8-                                  |  |   |   |  |  |  |  |  | EH. |  |  |  |
|                 | Diam           | Curve           | Sample size        | Curve size   | 02 09                               |  |   |   |  |  |  |  |  |     |  |  |  |
|                 | ч              | 11              | וי<br>פ            | 11           | 8                                   |  |   |   |  |  |  |  |  |     |  |  |  |
|                 | 22.56[ 4.80] u | 82.5[65] deg/mm | 4467               | 1544         | 100 100 -                           |  | AT THAT AND A |   |  |  |  |  |  |     |  |  |  |

# **Curve Histogram**

285



# **Further Information**

#### http://www.ofda.com/latest.html

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