

情况介绍

Introduction

- **TEAM-2于1988年在行业中开始应用**
TEAM-2 formulae has been used in the industry since 1988
- **TEAM-3公式于2006年7月1日正式取代TEAM-2**
TEAM-3 formulae has replaced TEAM-2 on July 1, 2007
- **AWTA目前在全球范围内的多家生产企业提供无偿的跟踪服务**
It is a major tool in the Topmark project by AWTA
- **目的是帮助加工企业建立一个新的加工基准**
It helps mills to benchmark performance



AUSTRALIAN WOOL TESTING AUTHORITY LTD

A.C.N. 006 014 106

Reg'd. Office: 70 Robertson Street, Kensington, Victoria 3031

P.O. Box 240, North Melbourne 3051

Website: www.awta.com.au

Tel: (03) 9371 4100

Fax: (03) 9371 4191

TEAM-3公式

New TEAM Formula

豪特长度 : (Ha)

$$0.43L + 0.35S + 1.38D - \underline{0.15M} - 0.45V - 0.59CVD - 0.32CVL + 21.8$$

豪特离散 : (CVH)

$$0.30L - 0.37S - 0.88D + \underline{0.017M} + 0.38CVL + 35.6$$

落毛率 : (Romaine)

$$-0.13L - 0.18S - 0.63D + 0.78V + 38.6$$

TEAM-2公式

Hauteur = **0.52L + 0.47S + 0.95 D - 0.45 V - 0.19 M* - 3.5**

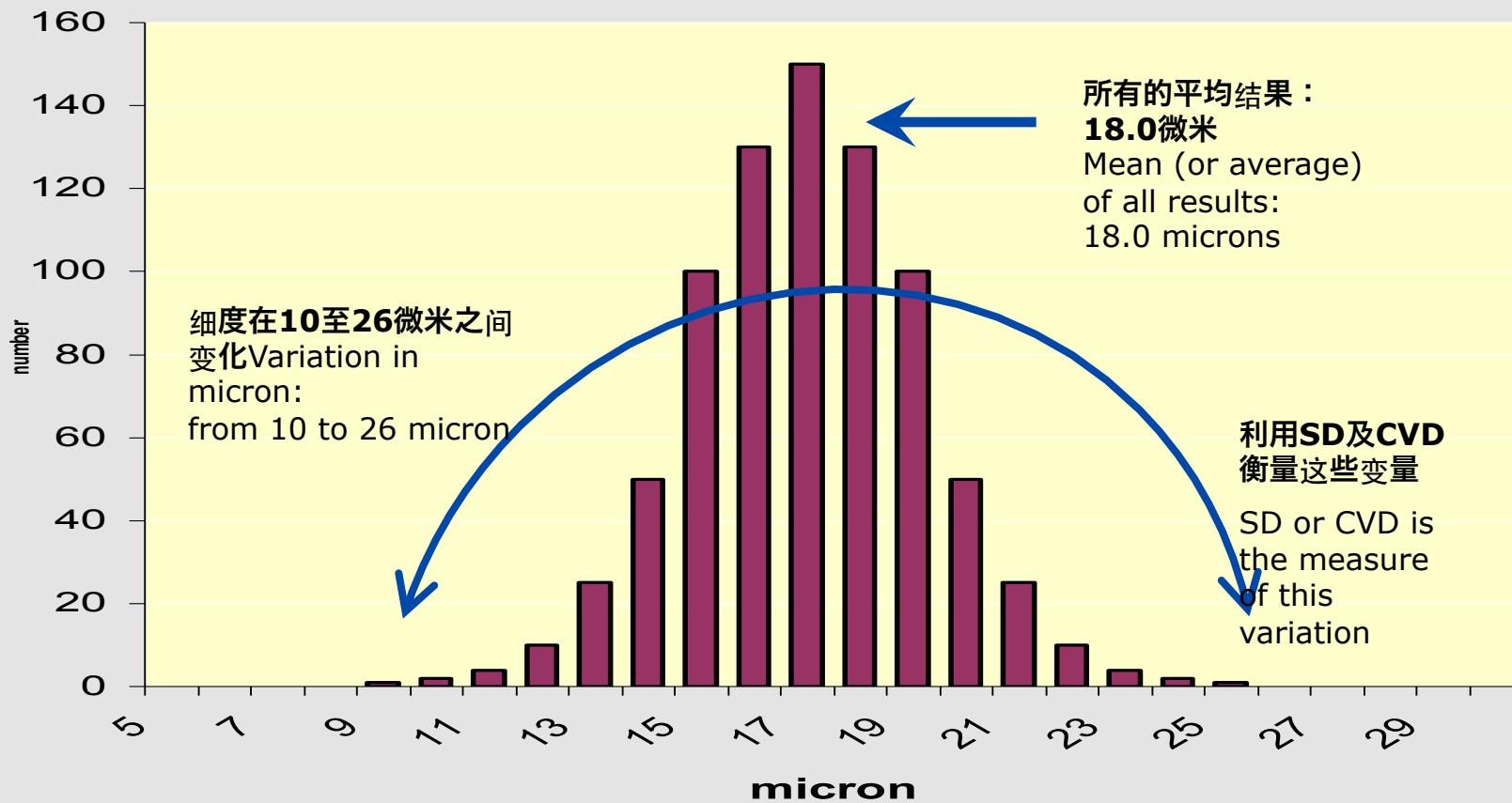
CVH = **0.12 L - 0.41 S - 0.35 D + 0.20 M - 49.3**

Romaine% = **- 0.11 L - 0.14 S - 0.35 D + 0.94 V + 27.7**

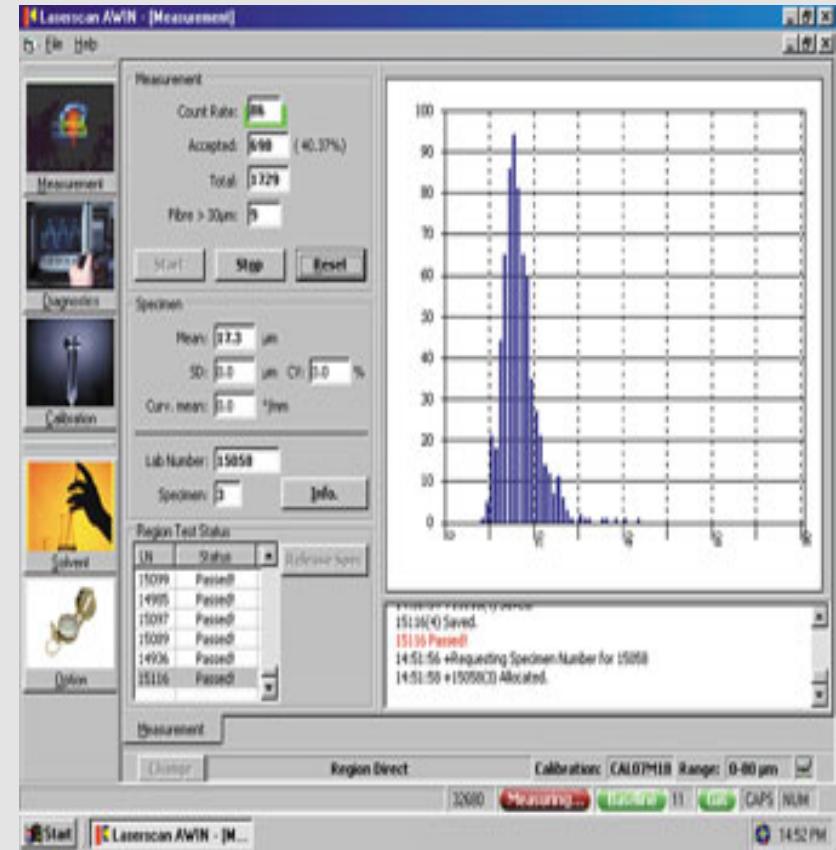


激光细度检测仪所检测出的细度离散率

CVD can be measured by Laserscan



激光细度检测仪所检测出的细度离散率 CVD can be measured by Laserscan



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TEAM-3公式

预测毛条中的平均纤维长度、长度离散及落毛率 Team Formula - Top Length Prediction, CVH and Romaine

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IWTO COMBINED CERTIFICATE ORIGINAL

TEST METHOD IWTO-31 PAGE 1
REF. CX889 195 BALES TEST NUMBER BALES NETT YIELD VM LSCAN AIRFLOW *IMFR
3-07465113-M8 25 4464 74.1 1.4 19.5 ND
03-OBJECTIVELY MATCHED LOT
3-07465115-M5 30 5482 67.7 0.5 19.5
OBJECTIVELY MATCHED LOT
3-07465116-M5 27 4952 74.6 1.3 19.5
OBJECTIVELY MATCHED LOT
3-07465119-M7 27 4940 73.0 1.2 19.5
TEST RESULTS:
1. WOOL BASE - 67 SUBSAMPLES 58.4 MM
2. MEAN FIBER DIAMETER - 120 SPECIMENS 18.7 MICRONS
3. COEFFICIENT OF VARIATION OF DIAMETER 21.8 %
4. VEGETABLE MATTER BASE 1.0 %
INCLUDING 0.1 % HARD HEADS-TWIGS
CALCULATED COMMERCIAL YIELDS & CLEAN MASSES:
5. IWTO SCOURED YIELD at 16% REGAIN 70.5 %
GR KEAY/PNG 6 1012 70.3 1.0 19.5 ND
SPECIMEN ONLY

ADDITIONAL INFORMATION:
6. VEGETABLE MATTER COMPOSITION (B) 0.1 (S) 0.8 (H) 0.1

CHARGE: \$ 16.90 GST @ 10% : \$ 1.69 TOTAL CHARGE: \$ 18.59

NOTE - YIELDS = CLEAN WEIGHTS AS % OF NETT ROUNDED TO 1 DECIMAL
CONTINUED ON NEXT PAGE

VM BASE RANGES FROM LASERSCAN MEAN RANGES FROM 0.3 TO 1.4 % ISSUED ON 18.02.2005, PRINTED ON 22.02.2005 1

For and on behalf of Australian Wool Testing Authority Ltd
MICHAEL A. JACKSON B.Sc.(Hons) DR. GEORGE R. BELZHAR Dr.Phil.Sc., M.Sc., Ph.D.
MANAGING DIRECTOR GENERAL MANAGER - LABORATORY OPERATIONS

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IWTO COMBINED STAPLE TEST CERTIFICATE ORIGINAL

TEST METHOD IWTO-31 PAGE 1
REF. CX889 195 BALES TEST NUMBER BALES NETT LNG CV/L STR TIP MID BASE
3-07465114-M8 25 4464 84 17 28 23 68 9
03-OBJECTIVELY MATCHED LOT
3-07465116-M5 30 5482 88 24 32 53 45 2
OBJECTIVELY MATCHED LOT
3-07465118-M9 27 4952 90 16 32 25 71 4
TEST RESULTS:
1. MEAN STAPLE LENGTH 88 MM
2. COEFFICIENT OF VARIATION OF STAPLE LENGTH 19.0 %
3. MEAN STAPLE STRENGTH 32 NEWTONS/KTEX
4. DISTRIBUTION OF POSITION OF BREAK:
BROKE IN THE TIP REGION 34 %
BROKE IN THE MIDDLE REGION 57 %
BROKE IN THE BASE REGION 9 %
ADDITIONAL INFORMATION:
5. THEORETICAL HAUTEUR (TEAM GENERAL FORMULA) 65 MM
CHARGE: \$ 16.90 GST @ 10% : \$ 1.69 TOTAL CHARGE: \$ 18.59

NO FURTHER PAGES

STAPLE LENGTH RANGES FROM 79 TO 101 MM
STAPLE STRENGTH RANGES FROM 28 TO 41 N/KTEX
ISSUED ON 02.02.2005, PRINTED ON 22.02.2005 2

For and on behalf of Australian Wool Testing Authority Ltd
MICHAEL A. JACKSON B.Sc.(Hons) DR. GEORGE R. BELZHAR Dr.Phil.Sc., M.Sc., Ph.D.
MANAGING DIRECTOR GENERAL MANAGER - LABORATORY OPERATIONS

$$H = 0.43L + 0.35S + 1.38D - 0.15M - 0.45V - 0.59CVD - 0.32CVL + 21.8$$



对标项目

Topmark



原毛
Greasy Wool



讨论
Discussion

Australian Wool Testing Authority Ltd
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IWTO COMBINED CERTIFICATE					
		TEST NUMBER		TEST METHOD IWTO-31	
REF.	CX89	135 BALANCES	TESTS	YIELD	PERCENTAGE
TOTAL WALE WEIGHTS:		3-074669551-26	3-074669551-MQ	64.6	10.5
TEST HOUSE GROSS	35 343 KG	TAKE	390 KG	NETT	34 953 KG
TEST RESULTS:					
1. MOISTURE - 100 SPECIMENS	1.0 N	3-074669551-MQ	4882	64.4	1.2
2. CLEAN FIBRE DIA. - 120 SPECIMENS	1.0 N	3-074669551-MQ	4882	64.4	1.2
3. COEFFICIENT OF VARIATION OF DIAMETER	31.8 %	3-074669551-MQ	4882	64.4	1.2
4. VEGETABLE MATTER BASE INCLUDING 0.1 % BRAID-TWISS	1.0 N	3-074669551-MQ	4882	64.4	1.2
5. DRAFT SENSED YIELD AT 14% REGRAN	70.5 %	3-074669551-MQ	4882	64.4	1.2
ADDITIONAL INFORMATION:					
6. VEGETABLE MATTER COMPOSITION (M) 0.1 (ED) 0.8 (H) 0.1					
CHARGE \$ 16.90 GWT \$ 109.1 \$ 1.69 TOTAL CHARGE \$ 18.59					
NOTE - YIELDS = CLEAN WEIGHTS AS % OF NETT ROUNDED TO 1 DECIMAL.					
CONTINUED ON NEXT PAGE					
VN BASE RAISED FROM 0.3 TO 1.4 % LAWRENCE BASE RAISED FROM 0.3 TO 1.4 % ISSUED ON 18.02.2005 PRINTED ON 22.02.2005					
08.02.05	0226	34259452	34259468	GEORGE BELHAZI (D) AND SC. MELVIN (P)	1
FOR AND ON BEHALF OF Australian Wool Testing Authority Ltd				CLIENT USE ONLY	
DR. GEORGE BELHAZI DIRECTOR GENERAL MANAGER LABORATORY OPERATIONS					
QUALITY MANAGEMENT SYSTEM CERTIFIED AS ISO 9001:2000 Australian Wool Testing Authority Ltd					
SPECIMEN ONLY					



加工
Processing



毛条
Top



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企业对标免费服务项目

Topmark Project

- 企业对标项目是AWTA免费向工业界提供的一种服务
Free service from AWTA to the industry
- 目的是帮助工业界建立一个新的加工、质量及效益的基准
Help mills to establish a new benchmark
- 企业经过对标项目可以有的放矢地调整生产工艺
Mills can objectively optimize processing technology
- 企业经过对标项目可以有的放矢地调整原毛的投入
Mills can objectively optimize Australian wool input
- 企业经过对标项目可以提高整体的质量与效益
Mills can improve overall productivity and efficiency



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申请加入对标项目的企业应该做什么？ (What should mills do?)

- 向AWTA报名并签订合作合同
Apply and sign contract
- 工厂必须至少是用90%以上的经过全部检测的澳毛
Use at least 90% fully measured Australian wool
- 向AWTA定时提供本企业使用原毛的信息
Provide raw wool test results
- 向AWTA定时提供相对应的毛条生产结果
Provide responding top results



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AWTA做些什么？ (What does AWTa provide?)

- 提供对检测数据的处理与分析
Provide data analysis
- 定期向参加的企业提供分析报告
Provide regular reports
- 提供可能改进的建议
Suggest possible areas for improvement
- 专家定期走访参加对标的企业进行技术交流
Regular visit for information exchange



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关键的因素 (Key Points)

- 免费服务
Free service
- 保证商业保密性
Confidentiality
- 企业有对标可参照
Benchmark to compare
- 多家中国企业已参加此项目
A number of Chinese mills are participating

请大家踊跃参加 – 讲座之后请与我们联系
Please Consider and contact us



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