

# T & T LABORATORY TECHNICAL DATA

| Chief | Tester | Date      | Data No. |
|-------|--------|-----------|----------|
|       | 梁孟偉    | 113.02.02 | C4010038 |

Proposal

**Material:** Regular PET 75D/36F (T&T Fabric)

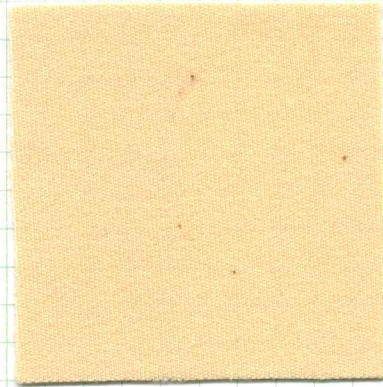
**Process:** Dyeing (130°CX30')

pH=4.0

**Results:** Pantone 13-1023

| DYES                            | LOT NO   | Recipe    |
|---------------------------------|----------|-----------|
| Taicron SF-6GT 200% New         | 73071624 | 0.008550% |
| Taicron Scarlet NXF-T           | 73041939 | 0.004950% |
| Taicron Yellow Brown S-2RT 200% | 23092927 | 0.022725% |
| Taicron Gold Yellow SP-RST      | 73081307 | 0.007425% |

**Color**



# T & T INDUSTRIES CORPORATION

NO 3.KUO-CHIEN 1ST RD.KUAN-YIN IND. ZONE, TEL : (03)4831666  
TAO-YUAN HSIEN,TAIWAN FAX : (03)4832666

Standard Name 222 of 254

PANTONE 13-1023 (C4010038)

Instrument Setup: %R USAV SCI UV Inc

Batch Name 12 of 12

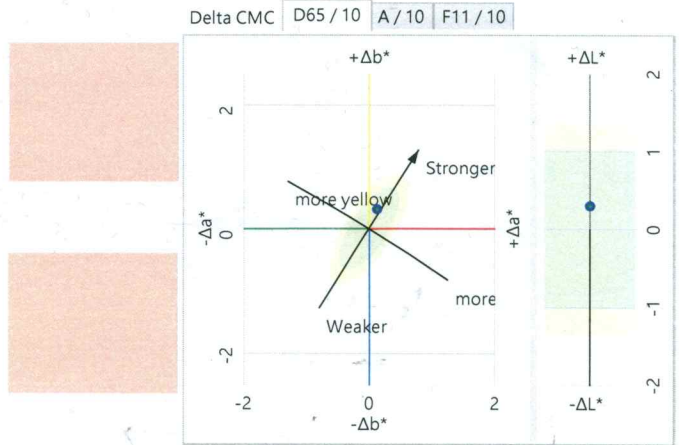
TNT 100% PET

Date: 31-Jan-24 Time: 08:42:59

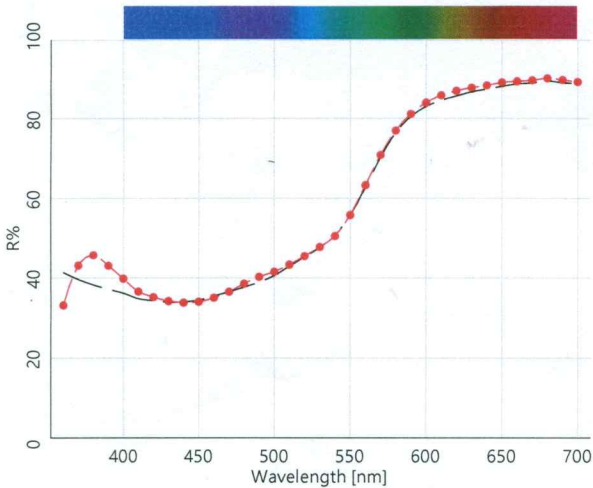
Instrument Setup: %R LAV SCI UV Inc

CMC DE Pass/Fail Tolerance: 0.50

l:c Ratio: ( 2.00 1.00)



| Batch Name   | Ill/Obs    | DL*  | Da*  | Db*  | CIE DE      | DL*/ISL | DC*/cSC | DH*/SH | CMC DE      | Status | Strength |
|--------------|------------|------|------|------|-------------|---------|---------|--------|-------------|--------|----------|
| TNT 100% PET | D65 10 Deg | 0.29 | 0.13 | 0.31 | <b>0.44</b> | 0.11    | 0.16    | 0.07   | <b>0.20</b> | Pass   | 98.60    |
| TNT 100% PET | A 10 Deg   | 0.32 | 0.25 | 0.32 | <b>0.52</b> | 0.11    | 0.18    | -0.06  | <b>0.22</b> | Pass   |          |
| TNT 100% PET | F11 10 Deg | 0.25 | 0.45 | 0.30 | <b>0.60</b> | 0.09    | 0.22    | -0.29  | <b>0.37</b> | Pass   |          |



**Batch Name**

TNT 100% PET  
TNT 100% PET  
TNT 100% PET

**Metamerism**

0.11 lighter  
0.33 lighter

**Color Comments**

more red more yellow  
more red more yellow  
more red more yellow

PANTONE 13-1023 (C4010038)

----- TNT 100% PET

# T & T LABORATORY TECHNICAL DATA

| Chief  | Tester | Date      | Data No. |
|--|--------|-----------|----------|
|  | 梁孟偉    | 113.02.06 | C4010038 |

Proposal

**Material:** T87% 75D/144F + 13% OP (T&T Fabric)

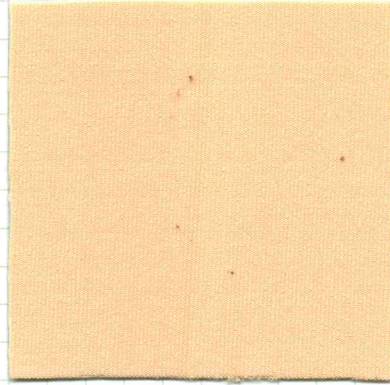
**Process:** Dyeing (130°CX50')

pH=4.0

**Results:** Pantone 13-1023

| DYES                           | LOT NO   | Recipe   |
|--------------------------------|----------|----------|
| Taicron Gold Yellow SP-RST     | 73081307 | 0.02218% |
| Taicron Yellow SF-6GT 200% New | 73071624 | 0.03388% |
| Taicron Red V-T                | 23072702 | 0.00950% |
| Taicron Brill Scarlet HSF-T    | 73040702 | 0.01900% |

Color



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Standard Name 222 of 308

PANTONE 13-1023 (C4010038)

Instrument Setup: %R USAV SCI UV Inc

Batch Name 20 of 22

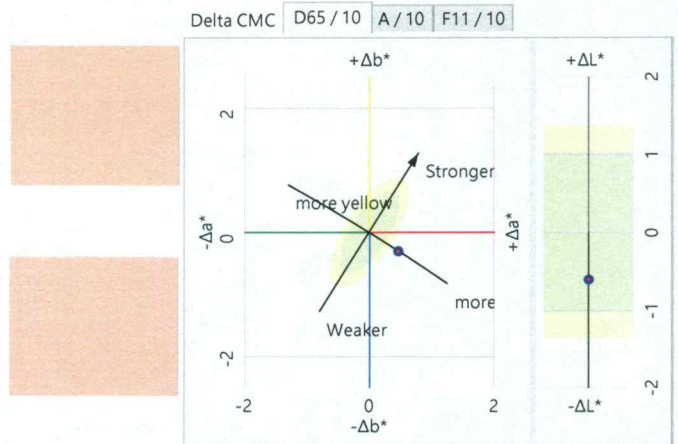
TNT TOP+13%5-2

Date: 05-Feb-24 Time: 14:47:57

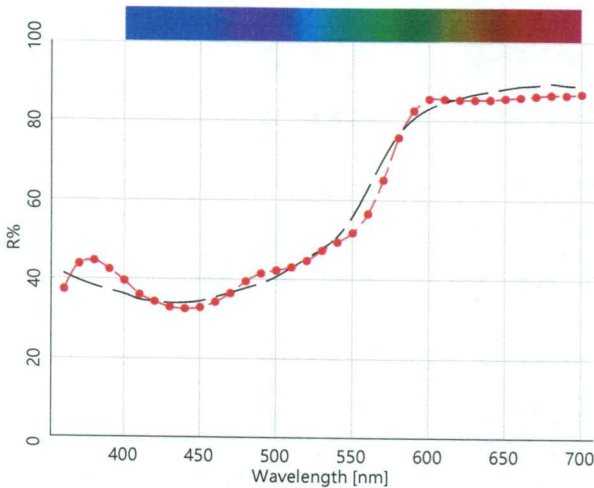
Instrument Setup: %R LAV SCI UV Inc

CMC DE Pass/Fail Tolerance: 0.50

l:c Ratio: ( 2.00 1.00)



| Batch Name     | III/Obs    | DL*   | Da*  | Db*   | CIE DE | DL*/ISL | DC*/cSC | DH*/SH | CMC DE | Status | Strength |
|----------------|------------|-------|------|-------|--------|---------|---------|--------|--------|--------|----------|
| TNT TOP+13%5-2 | D65 10 Deg | -0.61 | 0.46 | -0.30 | 0.82   | -0.22   | -0.00   | -0.69  | 0.73   | Fail   | 104.99   |
| TNT TOP+13%5-2 | A 10 Deg   | -0.60 | 0.93 | -0.52 | 1.23   | -0.22   | 0.02    | -1.21  | 1.23   | Fail   |          |
| TNT TOP+13%5-2 | F11 10 Deg | -0.53 | 1.45 | 0.10  | 1.54   | -0.19   | 0.38    | -1.38  | 1.44   | Fail   |          |



————— PANTONE 13-1023 (C4010038)

----- TNT TOP+13%5-2

### Batch Name

TNT TOP+13%5-2  
TNT TOP+13%5-2  
TNT TOP+13%5-2

### Metamerism

0.50  
1.08  
darker  
darker  
darker

### Color Comments

more red  
more red  
more red  
more blue  
more blue  
more yellow