

SUSTAINABILITY

Vestal

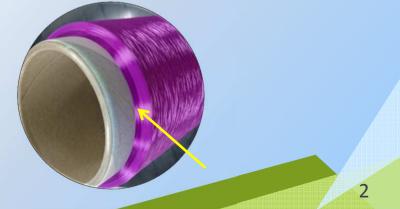
DOPE DYEING NEW TECHNOLOGY

Dope dyeing system

System	Pros	Cons					
Pigment	good color fastness	dull color, limited series of color					
Solvent	better color development, more brilliant	migration problem					
Carbon	good color fastness, low-cost	hard to achieve proper color shade					

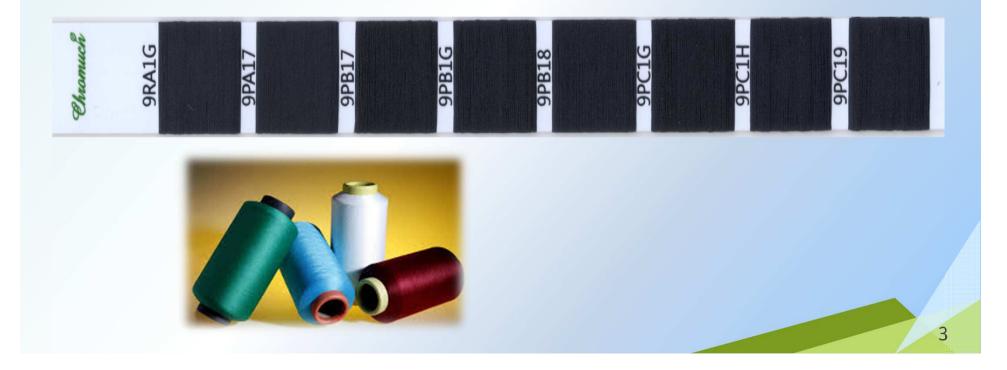
• Revolutionary dope dyeing spinning system

- Combines advantages of pigment and solvent system
 Good color fastness
 Color more brilliant
 More colors available
- Flexible production Chang color in a short time
- Specification: 75/72, 150/48 DTY



Plans of development

- First phase
 - Development of black color with bluish shade
 - Possibility of matching other brand's black (such as Nike, adidas black....)
 - Excellent color fastness





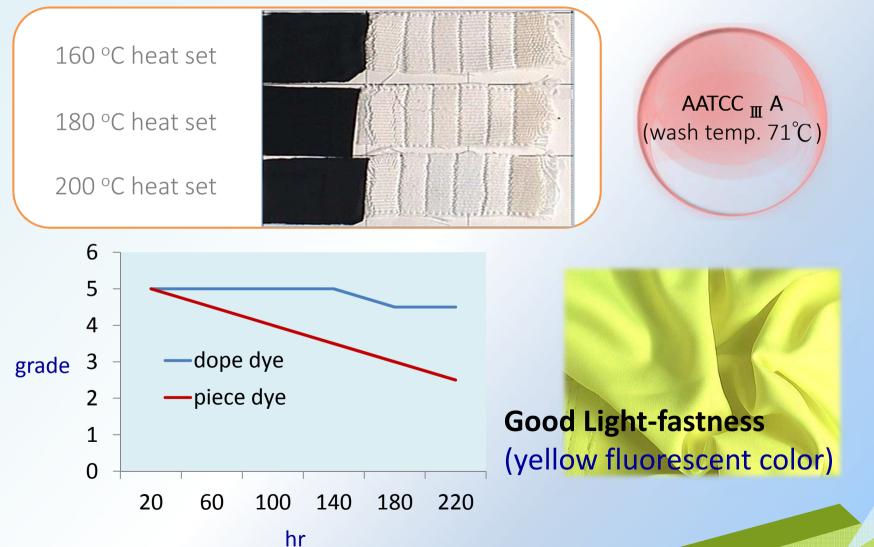
- Development of color bank containing about 1,000 colors
- Develop Fluorescent Color With Good Light-fastness Could Be Match EN 471 Standard

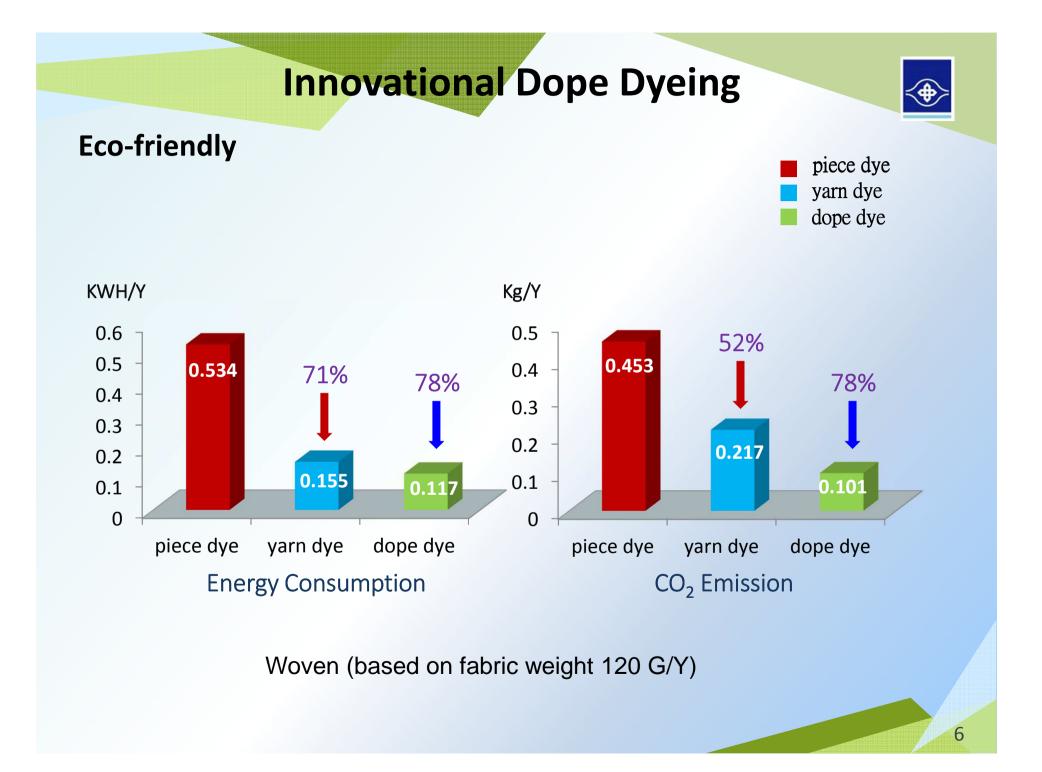
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|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1GA11 | 1HA12 | 2HA17 | 2FB11 | 3HA17 | 3MA12 | 4PA11 | 5MA19 | 5TA11 | 6TA17 | 6AA12 | 1AA17 | 5MA50 | 5MA59 | 5MA58 | 5MA57 | 5MA56 | 5MA55 | 5MA54 | 5MA53 | 5MA52 | 5MA51 |
| 1GA12 | 1HA13 | 2HA16 | 2FB12 | 3HA16 | 3MA13 | 4PA12 | 5MA18 | 5TA12 | 6TA16 | 6AA13 | 1AA16 | 5MA40 | 5MA49 | 5MA48 | 5MA47 | 5MA46 | 5MA45 | 5MA44 | 5MA43 | 5MA42 | 5MA41 |
| 1GA13 | 1HA14 | 2HA15 | 2FB13 | 3HA15 | 3MA14 | 4PA13 | 5MA17 | 5TA13 | 6TA15 | 6AA14 | 1AA15 | 5MA30 | 5MA39 | 5MA38 | 5MA37 | 5MA36 | 5MA35 | 5MA34 | 5MA33 | 5MA32 | 5MA31 |
| 1GA14 | 1HA15 | 2HA14 | 2FB14 | 3HA14 | 3MA15 | 4PA14 | 5MA16 | 5TA14 | 6TA14 | 6AA15 | 1AA14 | 5MA20 | 5MA29 | 5MA28 | 5MA27 | 5MA26 | 5MA25 | 5MA24 | 5MA23 | 5MA22 | 5MA21 |
| 1GA15 | 1HA16 | 2HA13 | 2FB15 | 3HA13 | 3MA16 | 4PA15 | 5MA15 | STA15 | 6TA13 | 6AA16 | 1AA13 | 5MA10 | 5MA19 | 5MA18 | 5MA17 | 5MA16 | 5MA15 | 5MA14 | 5MA13 | 5MA12 | 5MA11 |
| 1GA16 | 1HA17 | 2HA12 | 2FB16 | 3HA12 | 3MA17 | 4PA16 | 5MA14 | 5TA16 | 6TA12 | 6AA17 | 1AA12 | 5MAB0 | 5MAB9 | 5MAB8 | 5MAB7 | 5MAB6 | 5MAB5 | 5MAB4 | 5MAB3 | 5MAB2 | 5MAB1 |
| 1GA17 | 1HA18 | 2HA11 | 2FB17 | 3HA11 | 3MA18 | 4PA17 | 5MA13 | 5TA17 | 6TA11 | 6AA18 | 1AA11 | 5MAD0 | 5MAD9 | 5MAD8 | 5MAD7 | 5MAD6 | 5MAD5 | 5MAD4 | 5MAD3 | 5MAD2 | 5MAD1 |
| | 1HA19 | | | | 3MA19 | | 5MA12 | | | 6AA19 | | 5MAG0 | 5MAG9 | 5MAG8 | 5MAG7 | 5MAG6 | 5MAG5 | 5MAG4 | 5MAG3 | 5MAG2 | 5MAG1 |
| 1HA11 | 1HA10 | | | 3MA11 | 3MA10 | 5MA10 | 5MA11 | | 6AA11 | 6AA10 | | 5MAL0 | 5MAL9 | 5MAL8 | 5MAL7 | 5MAL6 | 5MAL5 | 5MAL4 | 5MAL3 | 5MAL2 | 5MAL1 |

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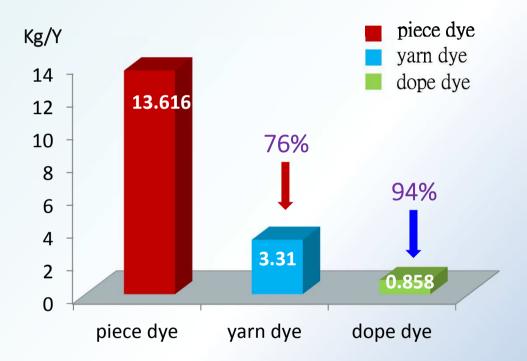
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Excellent color fastness (black color)





Eco-friendly



Water Consumption

Woven (based on fabric weight 120 G/Y)