

Acepora of
TAEKWANG
Industrial

SPANDEX



TAEKWANG
SYNTHETIC FIBER

A660

High Heat Resistance
and Anti-chlorine

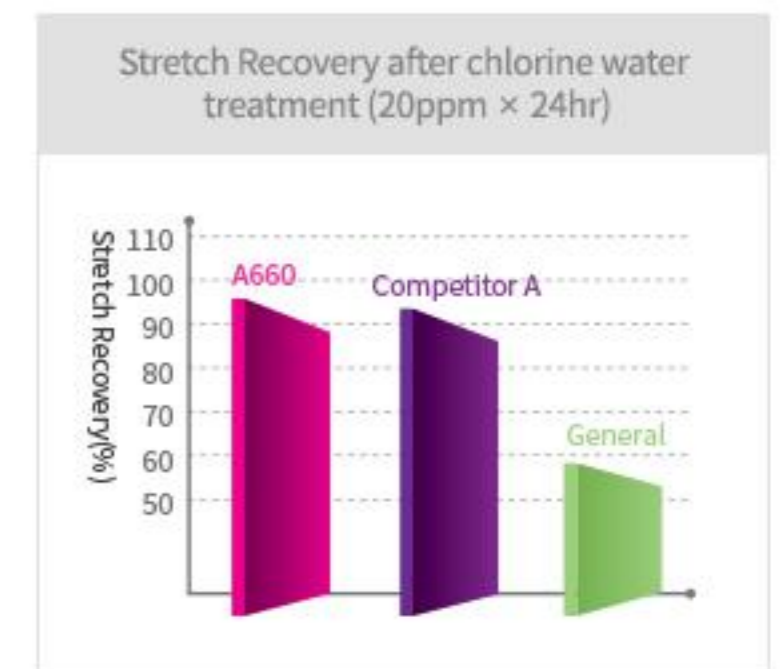
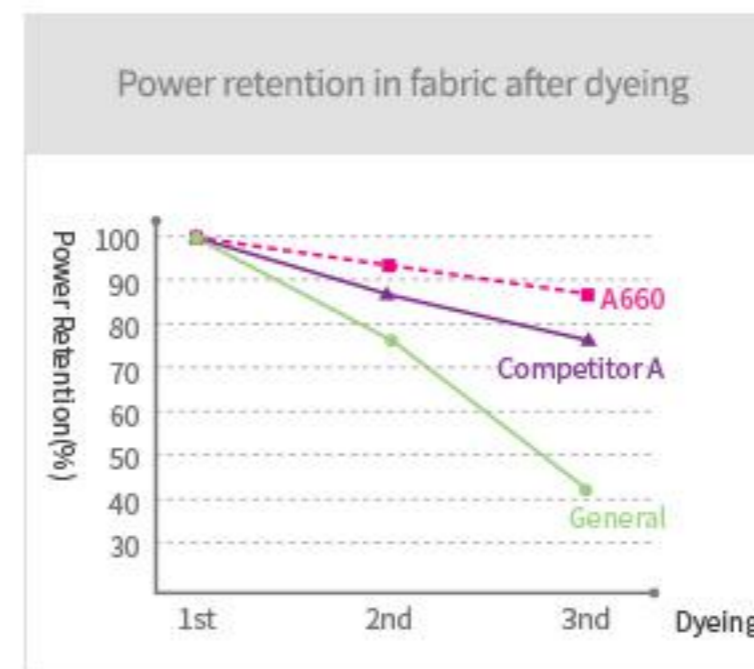
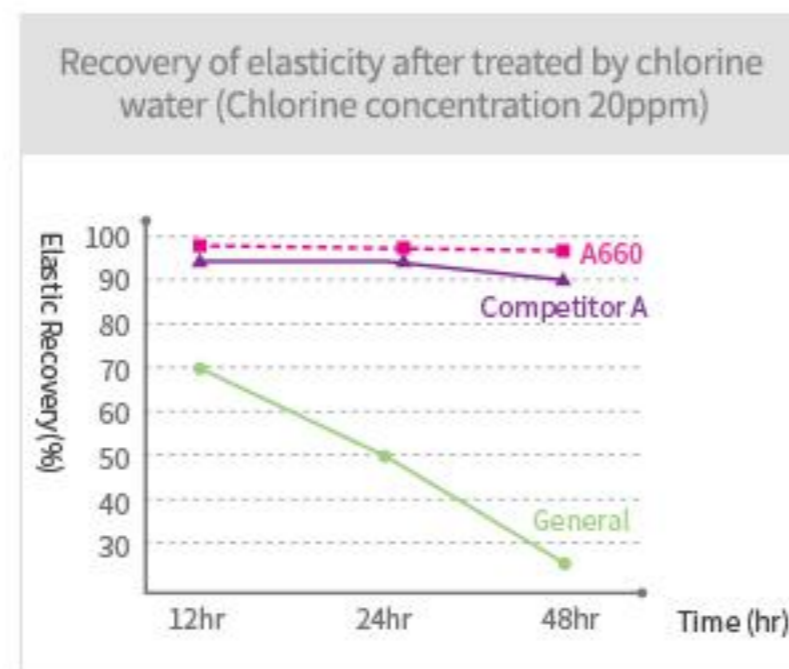


Characteristics

High heat resistance and anti chlorine properties makes it the most acceptable textile for a variety of processing.

A660 is well known for its high heat resistance. This makes it possible to be dyed at high temperature and maintain high quality even after re-dyeing.

A660 also has an excellent recovery power which maintains the perfect fit after repeated usage and laundry. A660 is therefore perfect for swim-wear since it keeps elasticity and luxury whiteness after the chlorine-included bleaching process.



Application

Swimsuit, Lingerie, Sports Wear

Specifications

SD | 20 / 30 / 40 / 55 / 70
CL | 15 / 20 / 30 / 40 / 70 / 105

B883

Soft Power and
Natural Support

Characteristics

**Fantastic fit allows your body to breathe all day!
We supply the highest level coarse denier.**

Due to the excellent warping performance and evenness, B883 is perfect for Warp-knitting. To meet the demands, Taekwang supplies various items from 140D to 2300D. B883's excellent unwindingness and workability improve productivity.

Also, B883 provides fine stable shape and recovery power which gives a perfect fit to any body type with its soft power.

Application

Raschel, Power-Net, Elastic Tape, Diaper, Medical Bandage

Specifications

140 210 280 420 560 840 1120 1680 2300

B883

High Modulus
and High Power



Characteristics

B883 is the most widely used item which has excellent power and elongation. High modulus and good thermosetting are the two main characteristics of B883. It provides strong recovery and excellent stability in shape. Also, its excellent power and elongation permits itself to be used in knitting, weaving, covering and core spun yarning.

Application

Jersey, Tricot, Denim, CSY, SCY, DCY

■ Recommended Conditions for Air Covering and C/K

Usage	Draft Ratio	Speed
Covering	3.5-4.0	600-700m/min
CK	3.0-3.4	24RPM

Specifications

30 40 70

Black Spandex

High Heat Resistance
Black Spandex



Product Superiority

- Eliminate the phenomenon of white exposed by spandex
- Keep good color uniformity and fastness in dark fabrics
- Dye at high temperature and maintain high quality even after re-dyeing
- Meet the requirements of different styles of fabrics

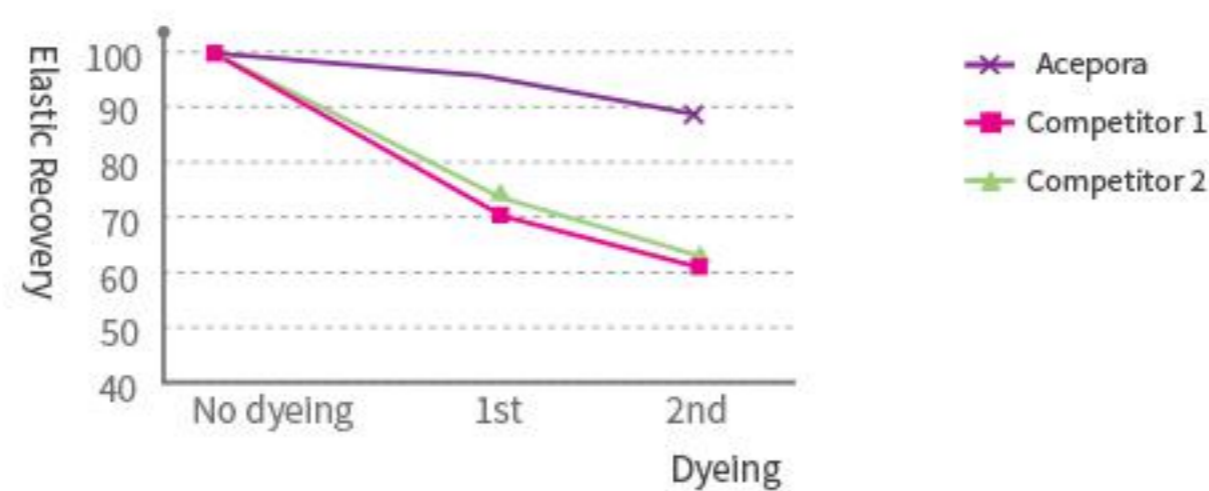
Comparison of color depth



		Acepora Black	Competitor
Color depth	PET+Black Spandex	100%	95%
	100% Spandex	100%	97%

High heat resistance

Power retention in fabric after dyeing



Application

Underwear, Yoga clothes, Sports wear, Knitting T-shirt, Hosiery

Specifications

40 55 70 140

Diaper Spandex

Soft Stretch and
Good unwinding



Characteristics

- **Technicality** : Accumulated know-how from more than 30 years of spandex production
- **Stability** : Since 2005, we have produced spandex in China
- **Productivity** : Capacity 30,000ton / year

"ACEPORA has been recognized as the world best quality on the basis of continuing efforts for quality development and improvement."

Specification

Denier	420 / 560 / 620 / 720 / 840 (All Denier can be produced)
Package	2.7kg / roll (16.2kg/Box) 3.0, 4.5kg / roll (18kg/Box)

Safety

OEKO-TEX Value No Direct Contact

Denier	pH	Formaldehyde	Flourescent	Arylamine	PCP	Heavy metal
Requirement	4.0~9.0	< 75	No fluorescent	< 20	< 0.5	< 1.0
Evaluation	PASS	PASS	PASS	PASS	PASS	PASS

※ All test is measured by KS K ISO standard, (Korea Standard)

Dyeing & Finishing Conditions



Dyeing

Recommended dyeing condition - in order to keep the elasticity of the fabric - shorter period, lower temperature and minimum tension is recommended during the dyeing process.

Type	Companion Yarn	Temp. x Time	Recommended Dye Stuff
B883	Cotton Rayon Nylon PET	95°C x 60min 95°C x 60min 100°C x 60min 125°C x 60min	Direct Reactive Acid Disperse
A660	Cotton Nylon PET	95°C x 60min 100°C x 60min 130°C x 60min	Direct Acid Disperse

Heat-Setting

The most recommended heat-setting condition for ACEPORA

Type	PET	PCP	PCP	PCP
B883	185°C x 1min	185°C x 1min	185°C x 1min	185°C x 1min
A660	195°C x 1min	190°C x 1min	190°C x 1min	190°C x 1min

Specification & Packing

Denier	Luster	Wt'(gr) /Ch	Wt'(kg) /CTN	Wt' /Container (kgs in 20ft, 40ft)	Type	Factory	Remark
15De(16.5dTex)	CL	400	19.2	7,260kgs, 14,520kgs	A660	China	
20De(22dTex)	CL SD Black	550	26.4	7,260kgs, 14,520kgs	A660	China	
30De(33dTex)	CL SD Black	550	26.4	7,260kgs, 14,520kgs	A660	China	
40De(44dTex)	CL	550	26.4	7,260kgs, 14,520kgs	B883	China	
	CL SD Black	550	26.4	7,260kgs, 14,520kgs	A660	China	
55De(60.5dTex)	SD	550	26.4	7,260kgs, 14,520kgs	A660	China	
70De(77dTex)	CL	550	26.4	7,260kgs, 14,520kgs	B883	China	
	CL SD Black	550	26.4	7,260kgs, 14,520kgs	A660	China	
140 ~ 280De (154 ~ 308dTex)	CL	1000	24	6,600kgs, 13,200kgs	B883	China	
420 ~ 2200De (462 ~ 2420dTex)	CL	1000	22	5,170kgs, 10,780kgs	B883	China	
Diaper	CL	3000	18	4,320kgs, 8,640kgs	B883	China	

Certification



OEKO-TEX STANDARD 100



ISO14001



ISO9001



Wechat QR code

SPANDEX MARKETING

Soohan Jang

T. 86. 512. 5233. 9162
F. 86. 512. 5233. 9165
E. jsh3940@taekwang.co.kr

Sungbin Choi

T. 82. 2. 3406. 0382
F. 82. 2. 3406. 0849
E. sbchoi@taekwang.co.kr