



CHAIN YARN TRADE (HANGZHOU) CO., LTD.

Innovative, Global Viewing.

Chain Yarn Trade (Hangzhou) Co., Ltd.

CATALOGUE

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Catalogue

1. Products:

A. Nylon-6 Chips:

The polyamide 6 chips, branded as "Chainlon" have following features:

1. Containing special modifiers which provide very good stability in extrusion and excellent performance in high speed spinning.
2. Low monomer content to lengthen the spinneret running period, and then reduce the yarn waste in its cleaning operation.
3. The "Chainlon" chips give good UV-resistance and anti-yellowness effects.
4. Very good dyeability, giving good color fastness and saving dyeing cost.
5. Due to polymers good dyeability, dyeing bath exhausting rate is very high, thus our polymer is environmentally friendly.
6. Polymer quality is highly consistent, customers can mix our polymers for spinning without need of changing yarn lot numbers.
7. For engineering plastics: containing special additives which make the smooth and shining outer appearance after injection; high heat stability, little pressure changes while injection, and easy to get apart from the mold after injection.
8. For BOPA: can meet the required characteristics of current ordinary BOPA in the market; low heat shrinkage ratio, high scale stability; the slice is easy to be cleaned and reduce the possibilities of film damaged, as well as save cost.

B. Nylon-6 & 66 FDY:

1. To fully satisfy our customers requirement, we produce nylon-6 & 66 FDY, POY and HOY filament yarns, with a wide variety : non-sizing yarns, trilobal yarns, full-dull yarns, octagonal or cross-shaped yarns, hollow filament, and high count yarns, etc.....
2. Yarns are widely used in weaving, knitting and texturization, for end-uses of garments, industrial fabrics, luggage, umbrellas, linings, magic tapes, swimming wears, under-wears, sports wears, wet clothes, hosieries, home textiles, and so on.
3. Yarn denier varies from 20 denier up to 800 denier. Please refer to the attached specification table. Special grade yarns are produced by order.

C. Nylon-6 & 66 Air Textured Yarns:

Chain Yarn has adopted the most modern, newly developed and fully automatic texturing machine to produce top quality ATY. The ATY has features:

1. Good and stable unwinding tension.
2. Very even loop and spun-like effect.
3. Very accurate and equal length for each bobbin.
4. Excellent dyeability.

Due to our vertical integration (polymerization, spinning, texturization, warp knitting), we are able to supply ATY with

wide product range. We are ready to supply and serve customers with our excellent and consistent quality and innovation.

D. Nylon-6 & 66 Specialty Yarns:

1. Ultra fine dpf.
2. Nylon cross shape yarn
3. Nylon hollow shape yarn.
4. Nylon C shape yarn.
5. Nylon tetragon yarn.
6. Nylon multi-angle yarn
7. Nylon bone shape yarn.
8. FIR(Far infra-red) yarn.
9. Anti-bacterial yarn.

2. Specifications:

1. Nylon-6 Chips' Specifications:

Specification	Viscosity	H ₂ O%	TiO ₂ %	Extractable	-NH ₂	Chip Size	Application	
NS4A-SD	2.450± 0.03	≤0.07	0.29± 0.02	≤0.6%	42±3	2.5 ^Φ x2.5 ^L	Spinning -FDY -HOY -POY	Engineering Plastics
NF4B-FD	2.470± 0.03	≤0.07	1.60± 0.1	≤0.6%	40±3	2.5 ^Φ x2.5 ^L	Spinning -FDY -HOY -POY	
NB5B-BR	2.500± 0.03	≤0.07	0	≤0.6%	40±3	2.5 ^Φ x2.5 ^L	Spinning -FDY -HOY -POY	Engineering Plastics
NB8B-BR	2.850± 0.03	≤0.07	0	≤0.6%	38±3	2.5 ^Φ x2.5 ^L	Spinning -FDY -HOY -POY	Engineering Plastics & BOPA
NF5C12	2.000± 0.05	≤0.1	20± 0.5	≤2.0%	38±3	2.0 ^Φ x2.0 ^L	Spinning -FDY -HOY -POY	
NF5C13	1.950± 0.05	≤0.1	30± 0.5	≤2.0%	38±3	2.0 ^Φ x2.0 ^L	Spinning -FDY -HOY -POY	
BL413B1	2.35± 0.05	≤0.1	-	≤0.1	-	-	Spinning -FDY -HOY -POY	
EF312C1	2.35± 0.05	≤0.1	-	≤0.1	-	-	Spinning -FDY -HOY -POY	

Specification	Izod Impact Strength ,Notched	TensileStrength, Yield	Tensile Elongation,Break	Flexural Strength	Flexural Modulus	Rockwell Hardness	Application
ES412I1	80	380	130	690	25800	101	Engineering Plastics
EB516G1	12	1400	9	1700	56600	120	Engineering Plastics

2. Nylon-6 FDY Specifications:

Denier	Filament	Luster	Color Yarn	gm/d	E%	BWS%	OPU%	Application			
								Weaving	Knitting	Texturing	Covering
20	6~18	SD.FD △BR		5.8	48	8.0	1.0	◎	◎		◎
30	10~24	SD.FD △BR		5.8	48	8.0	1.0	◎	◎		◎
40	10~72	SD.FD △BR		5.7	48	8.0	1.0	◎	◎		◎
50	12~96	SD.FD △BR	◎	5.7	48	8.0	1.1	◎	◎		◎
70	24~144	SD.FD △BR	◎	5.4	47	8.0	1.1	◎	◎	◎	◎
100	24~48	SD.△ BR	◎	6.0	43	9.0	1.1	◎	◎		
140	24~96	SD.△ BR	◎	5.8	45	9.0	1.1	◎	◎	◎	
170	24~36	SD	◎	5.8	43	9.0	1.0	◎	◎	◎	
200	24~144	SD.△ BR	◎	5.6	44	9.0	1.1	◎	◎	◎	
210	24	BR		7.0 ↑	29	10.0	1.2	◎	◎		
280	14	BR		7.0 ↑	32	10.0	1.2		◎	◎	
280	36~48	SD.B R		4.8	41	10.0	1.0	◎			
360	48~72	SD.B R	◎	5.5	45	9.0	1.1	◎	◎		
390	48~72	SD.B R	◎	4.3	68	9.0	1.0	◎	◎		
400	48~72	SD.B R	◎	5.6	45	9.0	1.0	◎	◎		
420	48	BR		7.5 ↑	28	10.0	1.1	◎	◎	◎	
500	72	SD		5.0	51	9.0	1.0	◎			
600	96	SD.B R		5.0	49	9.0	1.0	◎			

800	96~108	SD.B R		4.3	35	9.0	1.2	◎			
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※ We reserve the right to amend the specification. ※

3. Nylon-66 FDY Specifications:

Denier	Filament	Luster	Color Yarn	gm/d	E%	BWS%	OPU%	Application			
								Weaving	Knitting	Texturing	Covering
30	24,34	FD		5.4	52	9.5	1.2	◎	◎		◎
40	34	FD		5.9	43	9.5	1.1	◎	◎		◎
70	34,68	FD		5.8	47	9.5	1.1	◎	◎		◎
90	68	FD		4.5	71	8.5	0.6	◎	◎		◎

4. Nylon-6 Air Textured Yarns' Specifications:

Denier	Filament	Luster	gm/d	E%	BWS%	OPU %	Application	
							Warp	Weft
70	36~48	SD.FD	2.8	27	10.0	2.0		◎
90	68~96	SD.FD	3.0	28	10.0	1.8	◎	◎
120	96	SD.FD	3.1	33	10.0	1.8	◎	◎
160	72~144	SD.FD	3.1	34	10.0	1.8	◎	◎
250	120~216	SD.FD	3.3	36	10.0	1.8		◎
320	96~288	SD.FD	3.2	35	10.0	1.8		◎
500	48~288	SD.FD.BR	3.4	33	10.0	1.8	◎	◎
1000	96~576	SD.FD.BR	4.0	35	10.0	1.8	◎	◎
1600	144~216	SD.FD.BR	4.5	36	10.0	1.8	◎	◎

※ We reserve the right to amend the specification. ※

5. Nylon-66 Air Textured Yarns' Specifications:

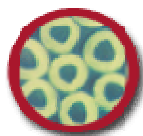
Denier	Filament	Luster	gm/d	E%	BWS%	OPU %	Application	
							Warp	Weft
90	68	FD	3.2	34	9.5	1.8	◎	◎
160	136	FD	3.2	34	9.5	1.8	◎	◎

※ We reserve the right to amend the specification. ※

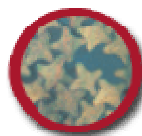
6. Nylon-6 & 66 Specialty Yarns:

(1). Special Cross-section Yarns

1. Nylon-6 & 66 Fully Drawn Yarns



Hollow yarns



Cross-section yarns



Tetragon yarns



Multi-angle yarns



C-shape yarns



Bone-shape yarns

2. Nylon-6 & 66 Air Textured Yarns

Air textured special cross-section yarns.

(2). Functional Yarns

Nylon-6 & 66 FDY And ATY:

We offer diversity types of functional yarns: (a)Ultra fine dpf.(b)Anti-bacterial.(c)UV-cut.(d).Far-infrared (e).Fire retardant

(3). Color Yarns

We offer variety of dope dyed yarns:black, blue, red, yellow, gray, silver gray, optical brightened, and other colors by order.

****Various deniers are available. Contact us for your requirement.**

3. End Applications:

A. For Textile:

Gentleman and lady clothing, pants, shirt, mountaineering wear, sports wear, jacket, overcoat, win coat, underwear, swimming suit,.....etc.

B. For Home Furnishing:

Pillow case, curtain, curtain gauze, table cloth, seatcover, sofa, coverlet, bath curtain,.....etc.

C. For Industrial Use:

Backpack, luggage, sports shoes, briefcase, wallet, handbag, hat, fishing net, finishing line, fishing rod accessories, sewing thread, magic tape, tire cord, bearing, cart wheel, spraying tools, Nylon hose & sheet, packaging film,.....etc.