

New Products

Single End Cord

Application: High Performance Tyre,Air Spring, Chock Belt, Hose, Triangle Belt.



High Dimensional Stability Polyester Tyre Cord Fabric

Advantage: High dimensional stability polyester tyre cord fabric can enhance the dimensional stability of tyres.

Low Shrinkage Nylon 66 Tyre Cord Fabric

Low shrinkage nylon 66 tyre cord fabric can alleviate the performance decline caused by the rapid temperature rise of the belt layer due to tyre deformation.

Aramid /Nylon 66 Composite Dipped Tyre Cord Fabric

Aramid/Nylon 66 composite tyre cord fabric combines the high modulus, impact resistance, puncture resistance, high dimensional stability of aramid and the fatigue resistance and good adhesion to rubber of polyamide 66, offering a high cost-performance ratio.

Sustainable Products

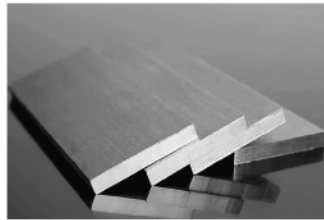
Sustainable materials for reducing carbon emissions.



Recycled PET



Recycled Nylon 6 and Nylon 66



Recycled Steel

JUNMA INTELLIGENT MANUFACTURING



Automation of New Plant

Our intelligent digital factory realized the lean manufacturing and laid a solid foundation for building high intelligent manufacturing company.



JIANGSU JUNMA GROUP

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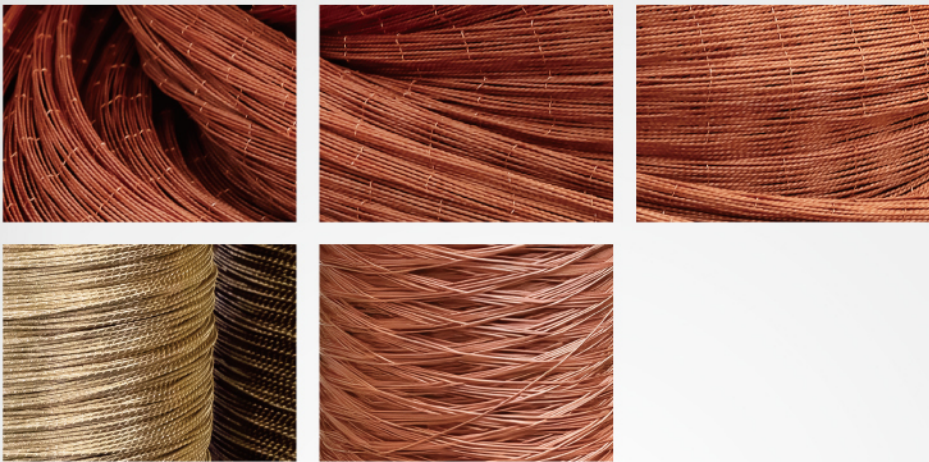
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JUNMA GROUP

TYRE CORD FABRIC • STEEL CORD



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- Nylon 66 Dipped Tyre Cord Fabric
- Polyester Dipped Tyre Cord Fabric
- Steel Cord
- New Products
- Sustainable Products



www.chinajunmagroup.com



Company Profile

Junma Group, founded in 1990, is one of the largest production bases for the reinforcement materials for tyres in China.

Including four main products, Nylon 6 yarn and tyre cord fabric, Nylon 66 yarn and tyre cord fabric, HMLS PET yarn and tyre cord fabric and Steel cord.



Nylon 6 dipped tyre cord fabric

120,000 Mt/year

Nylon 66 dipped tyre cord fabric

60,000 Mt/year

Polyester dipped tyre cord fabric

120,000 Mt/year

Steel cord

300,000 Mt/year

Nylon 6 Dipped Tyre Cord Fabric

Application: bias tyre



▪ Nylon 6 Dipped Tyre Cord Fabric Specification

PROPERTY		UNIT	840D/1	1260D/1	1680D/1	840D/2	1260D/2	1680D/2	1890D/2	1260D/3	1680D/3	1890D/3
Average Breaking Strength		N	≥68.0	≥102.0	≥132.0	≥132.3	≥205.8	≥269.5	≥303.8	≥303.8	≥400.0	≥445.0
Elongation at Break		%	≥17.0	≥17.0	≥17.0	≥18.0	≥19.0	≥20.0	≥21.0	≥21.0	≥23.0	≥24.0
Elongation at Specific Load	22.6N	%	7.5±1.0									
	33.0N	%		8.0±1.0								
	44.0N	%			8.0±1.0							
	44.1N	%				8.0±1.0						
	66.6N	%					8.0±1.0					
	88.2N	%						8.0±1.0				
	100.0N	%							8.0±1.0	8.0±1.0		
	150.0N	%									9.0±1.0	9.0±1.0
H-Adhesion		N/cm	≥49.0	≥65.0	≥78.0	≥107.8	≥137.2	≥156.8	≥166.6	≥166.6	≥225.0	≥235.0
H.A.S. At 160°Cx2min		%	≤4.5	≤4.5	≤4.5	≤6.5	≤7.0	≤7.0	≤7.0	≤7.0	≤6.5	≤6.5
Twist	Cable Twist	T/m	/	/	/	460±15	370±15	330±15	320±15	320±15	240±15	240±15
	Ply Twist	T/m	280±15	190±15	160±15	/	/	/	/	/	/	/
DPU		%	4.2±1.0	4.2±1.0	4.2±1.0	4.5±1.0	4.5±1.0	4.5±1.0	4.5±1.0	4.5±1.0	4.5±1.0	4.5±1.0
Moisture Rate		%	≤1.5	≤1.5	≤1.5	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
Cord Gauge		mm	0.32±0.03	0.43±0.03	0.50±0.03	0.55±0.04	0.65±0.04	0.75±0.04	0.78±0.04	0.78±0.04	0.92±0.04	0.96±0.04



Nylon 66 Dipped Tyre Cord Fabric

Applications: bias truck tyre, OTR, aviation tyre, etc.



▪ Nylon 66 Dipped Tyre Cord Fabric Specification

PROPERTY		UNIT	840D/2	1260D/2	1680D/2	1890D/2	1260D/3
Average Breaking Strength		N	≥137.2	≥215.6	≥284.2	≥313.6	≥313.6
Elongation at Break		%	≥19	≥19	≥20	≥20	≥20
Elongation at Specific Load	44.1N	%	9.0±0.6				
	66.6N	%		9.0±0.6			
	88.2N	%			9.2±0.6		
	100N	%				9.4±0.6	9.6±0.6
H-Adhesion		N/cm	≥117.6	≥147.0	≥156.8	≥166.6	≥166.6
H.A.S. At 177°Cx2min		%	≤7.0	≤7.0	≤7.0	≤7.0	≤7.0
Twist	Cable Twist	T/m	460±15	370±15	320±15	320±15	320±15
DPU		%	5.0±1.0	5.0±1.0	5.0±1.0	4.5±1.0	4.5±1.0
Moisture Rate		%	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
Cord Gauge		mm	0.53±0.05	0.65±0.05	0.74±0.05	0.78±0.05	0.78±0.05
Heat Resistance at 180°Cx4h		%	≥90	≥90	≥90	≥90	≥90



Polyester Dipped Tyre Cord Fabric

Applications: radial tyre, air spring, etc.



▪ Polyester Dipped Tyre Cord Fabric Specification

PROPERTY		UNIT	1000D/2	1300D/2	1500D/2	2000D/2	1300D/3	1500D/3	2000D/3
Average Breaking Strength		N	≥137.0	≥180.0	≥202.0	≥270.0	≥270.0	≥305.0	≥400.0
Elongation at Break		%	≥11.0	≥13.0	≥13.0	≥13.0	≥13.0	≥14.0	≥15.0
Elongation at Specific Load	44.1N	%	4.5±1.0						
	58.0N	%		4.5±1.0					
	66.6N	%			4.5±1.0				
	88.2N	%				4.5±1.0	4.5±1.0		
	100.0N	%						5.0±1.0	
	133.0N	%							5.5±1.0
H-Adhesion		N/cm	≥125.0	≥130.0	≥140.0	≥170.0	≥170.0	≥185.0	≥190.0
H.A.S. At 177°Cx2min		%	≤2.0	≤2.0	≤2.0	≤2.0	≤2.0	≤2.0	≤2.0
Twist	Cable Twist	T/m	450±15	380±15	370±15	330±15	330±15	310±15	260±15
DPU		%	3.0±1.0	3.0±1.0	3.0±1.0	2.5±1.0	2.5±1.0	2.5±1.0	2.5±1.0
Moisture Rate		%	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
Cord Gauge		mm	0.56±0.03	0.61±0.03	0.66±0.03	0.77±0.03	0.77±0.03	0.80±0.03	0.90±0.03



Steel Cord



(PCR)

Applications: Radial tyres for cars, commercial vehicles, etc

According to the structure,the products can be divided into normal, OC and BX. According to the tensile strength, the products can be divided into NT,HT,ST and UT. It can meet customers'needs in different aspects such as economy, comfort, stability, safety and silence.



(TBR)

Applications: Passenger car, freight car and other radial tyres

Accoding to the structure, the products can be divided into normal, OC,HE and HI. According to the tensile strength, the products can be divided into NT,HT,ST and UT. It can meet the needs of different truck transportation such as life span, low rolling resistance and low fuel consumption, high bearing capacity and damping performance.



(OTR)

Applications: Radial tyres for engineering vehicles and special vehicles

According to the structure, it can be divided into normal and HE. According to the tensile strength, it can be divided into NT and HT.

