

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MOORING ROPE

Polypropylene 8 Strand PP Rope

The product has advantages of reasonable braided structure, scientific technology, high strength, low elongation, wearing resistance, anti-corrosion and simple operation. It is particularly suitable to make large-scale ropes ...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Mooring Rope
Standard	DIN
Material	Polyester, polypropylene, polyethylene, nylon etc.
Certificate	BV, CCS, ABS, DNV, LR, NK, KR, RINA, mill certificate etc.

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Mooring Rope	Model / SKU	Polypropylene-8-Strand-PP-Rope
Standard	DIN	Material	Polyester, polypropylene, polyethylene, nylon etc.
Certificate	BV, CCS, ABS, DNV, LR, NK, KR, RINA, mill certificate etc.	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS

- China Polypropylene 8 Strand PP Rope:
 - Main Performance:
 - Specification:

China Polypropylene 8 Strand PP Rope:

The product has advantages of reasonable braided structure, scientific technology, high strength, low elongation, wearing resistance, anti-corrosion and simple operation. It is particularly suitable to make large-scale ropes and cables as well as anti-static ropes therefore they are well received by customers.

The products are mainly used in fields of shipbuilding, ocean transportation, national defense and military industry, sea petroleum and harbor operation etc.

Main Performance:

Material	Polyamide Multifilament	Polyamide yarn	Polypropylene multifilament	Polypropylene	Polyester	Polypropylene and Polyester mixed
Density	1.14 non floating	1.14 non floating	0.91 floating	0.91 floating	1.27 non floating	0.95 floating
Melting point	215°C	215°C	165°C	165°C	260°C	165°C/260°C
Abrasion resistance	Very good	Very good	Medium	Medium	Good	Good
UV resistance	Very good	Very good	Medium	Medium	Good	Good
Temperature resistance	120°C Max	120°C Max	70°C Max	70°C Max	120°C Max	80°C Max
Chemical resistance	Very good	Very good	Good	Good	Good	Good

Specification:

Chart 1

Specification		Polyamide Multifilament		Polyamide Yarn	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
20	2 1/2"	247	79.2	247	66.7
24	3"	355	12	355	96.3
28	3 1/2"	484	149	484	127
32	4"	632	192	632	161
36	4 1/2"	800	240	800	200
40	5"	987	294	987	241
44	5 1/2"	1190	351	1190	289
48	6"	1420	412	1420	338
52	6 1/2"	1670	479	1670	393
56	7"	1930	550	1930	450
60	7 1/2"	2220	627	2220	513
64	8"	2530	709	2530	579
72	9"	3200	887	3200	723
80	10"	3950	1080	3950	884
88	11"	4780	1300	4780	1053

96	12"	5690	1530	5690	1239
104	13"	6670	1780	6670	1482
112	14"	7740	2050	7740	1690
120	15"	8880	2340	8880	1930
128	16"	10100	2650	10100	2187
136	17"	11400	2980	11400	2461
144	18"	12800	3320	12800	2751
160	20"	15800	4060	15800	3395

Chart 2

Specifications		Polypropylene Multifilament		Polypropylene	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
mm	Inch	Ktex	KN	Ktex	KN
20	2 1/2"	189	62.6	180	56.9
24	3"	273	87.7	260	79.7
28	3 1/2"	373	115	355	105
32	4"	483	146	460	132
36	4 1/2"	614	182	585	166
40	5"	756	221	720	201
44	5 1/2"	924	266	880	242
48	6"	1092	308	1040	280
52	6 1/2"	1281	357	1220	325
56	7"	1491	408	1420	371
60	7 1/2"	1712	467	1630	424
64	8"	1943	528	1850	480
72	9"	2457	663	2340	603
80	10"	3045	815	2900	741
88	11"	3686	978	3510	890
96	12"	4379	1155	4170	1050
104	13"	5145	1325	4900	1204
112	14"	5985	1529	5700	1390
120	15"	6825	1756	6500	1596
128	16"	7770	1982	7400	1802

136	17"	8820	2231	8400	2029
144	18"	9870	2490	9400	2264
160	20"	12100	3051	11521	2774

Chart 3

Specifications		Polyester		Polypropylene And Polyester Mixed rope	
Diameter	Circumference	Linear Density(Ktex)	Breaking Strength(KN)	Linear Density(Ktex)	Breaking Strength(KN)
mm	Inch	Ktex	KN	Ktex	KN
20	2 1/2"	303	62.3	194	68.7
24	3"	437	89.6	279	96.3
28	3 1/2"	594	120	380	130
32	4"	778	154	497	167
36	4 1/2"	982	190	629	210
40	5"	1215	235	776	257
44	5 1/2"	1468	279	939	308
48	6"	1750	329	1110	364
52	6 1/2"	2050	384	1320	424
56	7"	2380	439	1520	489
60	7 1/2"	2730	489	1750	558
64	8"	3110	568	1990	631
72	9"	3930	707	2520	789
80	10"	4850	867	3110	963
88	11"	5870	1040	3750	1160
96	12"	6990	1230	4470	1370
104	13"	8200	1420	5260	1590
112	14"	9500	1620	6050	1840
120	15"	10900	1865	6980	2100
128	16"	12400	2110	7950	2370
136	17"	14000	2400	8950	2660
144	18"	15700	2650	10100	2970
160	20"	19400	3270	12500	3630