

PRODUCT DATA SHEET

ROPENET

TOUGH-POLYETHELENE

High Tenacity Polyethelene

Structure: 3 strand

This rope floats and does not absorb water, which makes soft on hand, easy to handle and flexible. The special nature of filaments contributes highly to an increased abrasion resistance, thus improving the lifetime and security. Mainly used on fishing vessels and inland shipping.

Features:

Specific Gravity:0.94-0.97g/cm³

Melting Point: 132 ~ 135

Abrasion Resistance:Good

Chemical Resistance:Very Good

UV Resistance:Good

Water Absorption : 0%

Wet-dry Strength Ratio:Dry=Wet

Applications:

Mooring Line

Fishing Line

Towing Line

Aquaculture

Winch Line

Messenger Line

Pick-up Line

Dia.		Circ.	Weight		Unspliced MBL		Spliced MBL	
mm	inch	inch	kg/100m	lbs/100ft	ton	kN	ton	kN
12	1/2	1-1/2	7.1	4.8	2.3	23	2	20
14	9/16	1-3/4	9.1	6.1	2.9	28	2.6	25
16	5/8	2	11.2	7.5	3.4	33	3.1	30
18	3/4	2-1/4	16.1	10.8	4.7	46	4.2	41
22	7/8	2-3/4	22	14.8	6.5	64	5.9	58
24	1	3	27.8	18.6	7.9	77	7	69
26	1-1/16	3-1/4	31.5	21.1	8.8	86	8	78
28	1-1/8	3-1/2	35.3	23.7	9.8	96	8.8	86
30	1-1/4	3-3/4	42.7	28.6	11.8	116	10.6	104
32	1-5/16	4	47	31.5	13	127	11.6	114
36	1-1/2	4-1/2	61	40.9	16.7	164	15.1	148
40	1-5/8	5	71.1	47.7	19.6	192	17.7	173
44	1-3/4	5-1/2	82	55	22.7	222	20.4	200
48	2	6	106.9	71.7	28.7	281	25.8	253
52	2-1/8	6-1/2	120.7	81	32.2	316	29	284
56	2-1/4	7	136.2	91.4	36.4	357	32.8	321
60	2-1/2	7-1/2	165.2	110.8	44.1	432	39.7	389
64	2-5/8	8	186	124.8	49.5	485	44.6	437
68	2-3/4	8-1/2	218.8	146.8	58.1	569	52.2	512
72	3	9	236.6	158.7	63.1	618	56.7	556
80	3-1/4	10	287.2	192.6	74.5	730	67	657
88	3-5/8	11	385	258.2	94.9	930	85.4	837
96	4	12	460	308.5	102	1000	91.8	900
100	4-1/8	12-1/2	500	335.4	112.2	1100	101	990



Lloyd's
Register



ClassNK



Email: info@ropenet.com

Tel: 86-538-8669566

Fax: 86-538-8502249

Web: www.ropenet.com

Address: No.67, Leigushi Street, Taian, Shandong, China