

## TOUGH-PP 3

### High Tenacity Polypropylene

#### Structure: 3-strand

Made by normal polypropylene fiber, makes this mooring line with light weight, very easy to handle and keep same strength in wet or dry environment. Floats and good UV resistance.

#### Features:

Specific Gravity:0.91-0.93g/cm<sup>3</sup>

Melting Point:165

Breaking Elongation:12%-20%

Abrasion Resistance:Normal

Chemical Resistance:Very Good

UV Resistance:Normal

Water Absorption:0%

Wet-dry Strength Ratio:100%

#### Applications:

Floating Tow Line

Mooring Line

Tie-up Line

Fishing Line

Mooring 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	7.11	4.77	2.2	22	1.9	19
14	9/16	1-3/4	9.14	6.14	2.7	26	2.4	24
16	5/8	2	11.2	7.52	3.3	32	3	29
18	3/4	2-1/4	16.1	10.81	4.5	44	4	39
22	7/8	2-3/4	22	14.77	6.2	61	5.6	55
24	1	3	27.8	18.66	7.4	73	6.7	66
26	1-1/16	3-1/4	31.5	21.15	8.4	82	7.6	74
28	1-1/8	3-1/2	35.3	23.7	9.4	92	8.4	82
30	1-1/4	3-3/4	42.7	28.67	11.2	110	10.1	99
32	1-5/16	4	47	31.55	12.3	121	11.1	109
36	1-1/2	4-1/2	61	40.95	15.9	156	14.4	141
40	1-5/8	5	71.1	47.73	18.7	183	16.8	165
44	1-3/4	5-1/2	82	55.05	21.5	211	19.4	190
48	2	6	106.9	71.77	27.3	268	24.6	241
52	2-1/8	6-1/2	120.7	81.03	30.7	301	27.7	271
56	2-1/4	7	136.2	91.44	34.7	340	31.2	306
60	2-1/2	7-1/2	165.2	110.91	41.9	411	37.8	370
64	2-5/8	8	186	124.87	47.1	462	42.4	416
68	2-3/4	8-1/2	218.8	146.89	55.3	542	49.8	488
72	3	9	236.6	158.85	60.1	589	54.1	530
80	3-1/4	10	287.2	192.82	70.9	695	63.9	626
88	3-7/16	11	385	258.48	90.4	886	81.3	797
96	3-3/4		460	308.83	97.1	952	87.4	857
100	4	12	500	335.68	106.9	1048	96.2	943



Lloyd's Register



ClassNK

