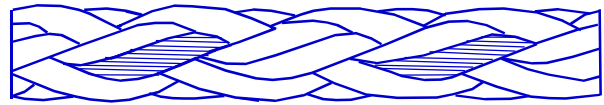


PP ISO 1346



Construction

Plaited ropes of the POLYPROPYLENE range are well established in marine and off-shore applications, because of their ease in handling and non-rotating behaviour. They are produced on a plaiting machine containing eight reels, each containing one strand, groups of two reels interweave as a pair around the other pairs of reels to produce an eight strands rope of a somewhat square cross section.

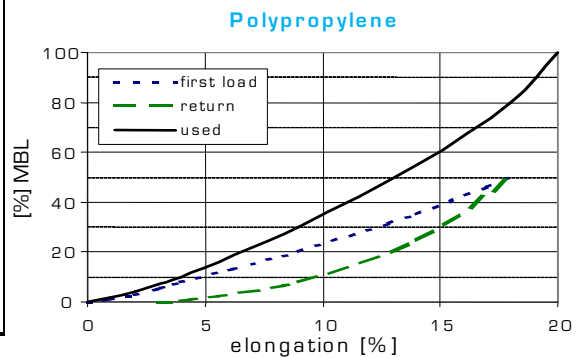
Material Properties

For rope polypropylene is most often produced as split film. This means a film is extruded and is split using knives before drawing. The strength is obtained in this drawing process. Other fibres are mostly produced as multi-filament. Polypropylene is chemically inert, has a low density (it floats), but has a somewhat lower melting point and lower strength.

Features

➤ Materials	Standard polypropylene
➤ Construction	8 strand plaited
➤ Treatment	None
➤ Colour of Rope	Diverse
➤ Approx. Spec. Density	0,91 floating
➤ Melting point	165°C
➤ Abrasion Resistance	Low
➤ U.V. resistance	Low
➤ Temperature resistance	70°C max continuous
➤ Chemical resistance	Good, solvents and strong oxidisers may have a mild effect
➤ Dry & wet conditions	Wet strength equals dry strength
➤ Range of use	Fishing, inland shipping, merchant, navy, industry, mooring
➤ Coil length	220m
➤ Spliced strength	± 10% lower
➤ Weight and length tolerance	± 5%
➤ Diameter	± 2%

Dia	Circ.	Min Break Load		Weight	
		tf	kN	kg/100m	kg/coil
28	3 1/2	10,7	105	35,4	78
30	3 3/4	12,2	120	40,7	90
32	4	13,5	132	46,3	102
36	4 1/2	16,9	166	58,6	129
40	5	20,5	201	72,3	159
44	5 1/2	24,6	241	87,5	193
48	6	28,6	280	104	229
52	6 1/2	33,1	324	122	268
56	7	37,9	371	142	312
60	7 1/2	43,3	424	163	359
64	8	49,0	480	185	407
68	8 1/2	54,9	538	209	459
72	9	61,5	603	234	515
76	9 1/2	68,2	669	262	576
80	10	75,6	741	290	638
88	11	90,7	889	351	772
96	12	107	1050	417	917
104	13	122	1200	490	1078
112	14	142	1390	570	1254
120	15	163	1600	650	1430
128	16	183	1800	740	1628
136	17	207	2030	840	1848
144	18	230	2260	940	2068
152	19	255	2500	1038	2283
160	20	282	2770	1150	2530



MBL = **M**inimum **B**reaking **L**oad conform ISO 2307

Other sizes available upon request

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