



MAGNARO® - Danline

PRODUCT PROPERTIES

Material	Mixed Polyolefin (PP/PE)
Construction	8-strand
Jacketed	No
Rotating	No
Color of Rope	Orange with 2 blue markers
Specific Gravity	0.92
Melting Point	165°C
Abrasion Resistance	Good
U.V. Resistance	Good
Chemical Resistance	Very Good
Dry & Wet Conditions	Identical wet & dry strengths

Dia.	Circ.	Weight	MBL (Unspliced)		MBL/LDBF*(Spliced)	
			Ton	kN	Ton	kN
40	5	71.8	28.6	281	25.7	253
45	5 5/8	95.5	33.0	324	29.7	292
50	6 1/4	113	40.0	392	36.0	353
55	6 7/8	142	47.0	461	42.3	415
60	7 1/2	170	60.5	594	54.5	535
65	8 1/8	196	75.4	740	67.9	666
70	8 3/4	223	76.0	746	68.4	671
75	9 3/8	256	86.0	844	77.4	760
80	10	290	105	1,030	94.5	927
85	10 5/8	331	110	1,079	99.0	971
90	11 1/4	369	124	1,216	112	1,094

FEATURES & BENEFITS

- PP/PE melt mix
- Improved, high-strength alternative for Polypropylene
- Higher breaking load with a lower weight and better abrasion resistance compared to regular Polypropylene
- Floating - does not absorb water

APPLICATIONS

- MOORING
- Main Line

*LDBF as per OCIMF MEG4 recommendations (spliced dry condition (wet for nylon))

ELONGATION

Elongation at % of MBL :	
MBL	Elongation
20%	5.2%
40%	9.2%
60%	12.9%
100%	17.9%

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