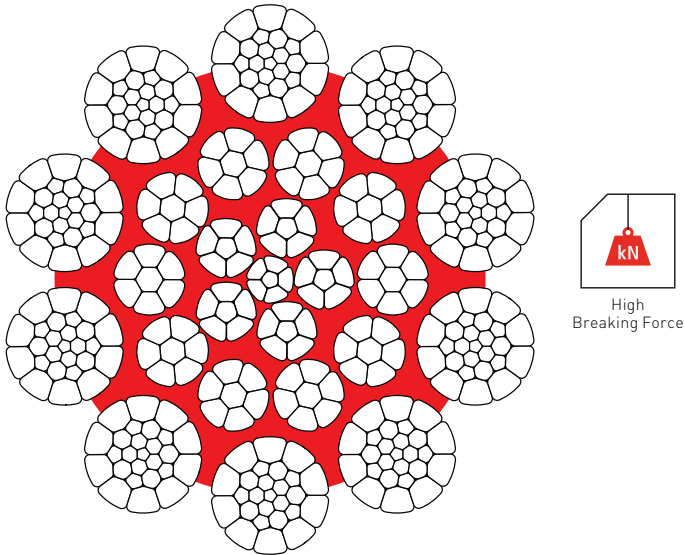
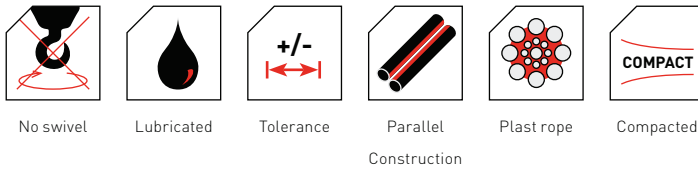


CASAR SUPERPLAST10 MIX



PROPERTIES



APPLICATIONS

Very high bending fatigue performance and high minimum breaking load. Mainly overhead and industrial cranes where rotation resistant ropes are not required.

OVERVIEW

Diameter Range [mm]	16 – 57.15
RCN	11
Number of Outer Strands	10
Number of Wires	366
Number of Outer Load Bearing Wires	260
Average Fill Factor	0.700
Average Nominal Metallic Area Factor C	0.550
Average Spin Factor	*N/mm ² 0.87 (1960)* / 0.85 (2160)*

- Temperature range of use: -50°C to +115°C
- Suitable for multi-layer spooling in Lang's lay
- Available in ordinary lay and Lang's lay
- Available in right hand and left hand
- Available in galvanized and ungalvanized

Nominal Diameter	Weight	Minimum Breaking Force			
		1960 N/mm ²		2160 N/mm ²	
mm	kg/m	kN	t [metric]	kN	t [metric]
16	1.22	237.0	24.17	259.0	26.41
17	1.38	270.0	27.53	291.0	29.67
18	1.54	301.0	30.69	328.0	33.45
19	1.76	344.0	35.08	375.0	38.24
20	1.93	377.0	38.44	406.0	41.40
21	2.11	412.0	42.01	449.0	45.79
22	2.39	465.0	47.42	507.0	51.70
23	2.60	507.0	51.70	546.0	55.68
24	2.83	553.0	56.39	602.0	61.39
25	3.05	594.0	60.57	647.0	65.98
26	3.31	645.0	65.77	695.0	70.87
27	3.55	692.0	70.57	754.0	76.89
28	3.88	757.0	77.19	825.0	84.13
29	4.14	808.0	82.39	871.0	88.82
30	4.34	847.0	86.37	923.0	94.12
31	4.68	913.0	93.10	994.0	101.36
32	5.03	982.0	100.14	1,057.0	107.79
33	5.31	1,036.0	105.64	1,129.0	115.13
34	5.67	1,106.0	112.78	1,205.0	122.88
36	6.33	1,235.0	125.94	1,330.0	135.62
38	7.02	1,369.0	139.60	1,492.0	152.14
40	7.76	1,496.0	152.55	1,621.0	165.30
42	8.57	1,654.0	168.66	1,792.0	182.74
44	9.44	1,820.0	185.59	1,972.0	201.09
46	10.29	1,985.0	202.42	2,150.0	219.24
48	11.28	2,176.0	221.90	2,356.0	240.25
50	12.18	2,350.0	239.64	2,546.0	259.62
52	13.00	2,508.0	255.75	2,716.0	276.96
54	14.20	2,793.0	284.81	2,967.0	302.55
56	15.19	2,931.0	298.88	3,174.0	323.66