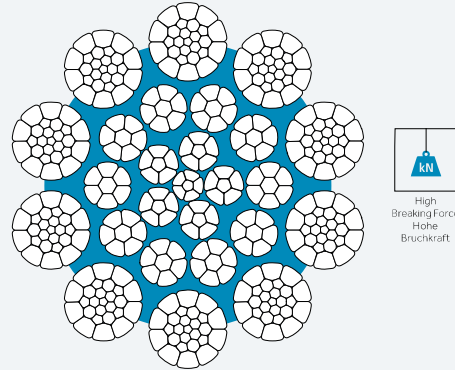
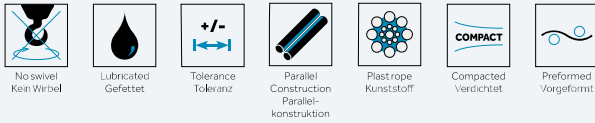


CASAR SUPERPLAST10 MIX



PROPERTIES _ EIGENSCHAFTEN



APPLICATIONS _ ANWENDUNGEN

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

Sehr hohe Biegewechselfestigkeit bei hoher Mindestbruchkraft. Kommt hauptsächlich auf Hallen- und Industriekranen zum Einsatz, wenn keine drehungsfreien Seile benötigt werden.

OVERVIEW _ ÜBERBLICK TECHNISCHE DATEN

Diameter Range _ Durchmesserbereich [mm]	16 – 56
RCN	11
Number of Outer Strands _ Anzahl der Außenlitzen	10
Number of Wires _ Gesamtdrahtzahl	366
Number of Outer Load Bearing Wires _ Anzahl der tragenden Drähte in den Außenlitzen	260
Average Fill Factor _ Mittlerer Füllfaktor	0.700
Average Nominal Metallic Area Factor C _ Mittlerer metallischer Querschnittsfaktor C	0.550
Average Spin Factor _ Mittlerer Verseilfaktor	*N/mm ² 0.87 (1960)* / 0.85 (2160)*

- Temperature range of use: -50°C to +115°C
- Einsatztemperaturbereich: -50°C bis +115°C
- Suitable for multi-layer spooling, preferred in Lang's lay execution
- In Gleichschlag besonders geeignet für Mehrlagenspulung
- Available in ordinary lay and Lang's lay
- In Kreuzschlag und Gleichschlag erhältlich
- Available in right hand and left hand
- In rechtsgängig und linksgängig erhältlich
- Available in galvanized and ungalvanized
- In verzinkter und blanker Ausführung erhältlich

Minimum Breaking Force _ Mindestbruchkraft

Nominal Diameter _ Nenn-durchmesser		Weight _ Gewicht		1960 N/mm ²				2160 N/mm ²			
mm	Inch	kg/m	lb/ft	kN	t [metric]	lbs	t [2000 lbs]	kN	t [metric]	lbs	t [2000 lbs]
16	5/8	1.24	0.83	237,0	24.17	53.280	26.64	259,0	26.41	58.226	29.11
17		1.42	0.95	270,0	27.53	60.698	30.35	291,0	29.67	65.419	32.71
18		1.53	1.03	301,0	30.69	67.667	33.83	328,0	33.45	73.737	36.87
19	3/4	1.87	1.25	344,0	35.08	77.334	38.67	375,0	38.24	84.303	42.15
20		2.03	1.36	377,0	38.44	84.753	42.38	406,0	41.40	91.272	45.64
21		2.16	1.45	412,0	42.01	92.621	46.31	449,0	45.79	100.939	50.47
22		2.43	1.63	465,0	47.42	104.536	52.27	507,0	51.70	113.978	56.99
	7/8	2.51	1.69	474,6	48.40	106.694	53.35	519,7	53.00	116.833	58.42
23		2.65	1.78	507,0	51.70	113.978	56.99	546,0	55.68	122.746	61.37
24		2.89	1.94	553,0	56.39	124.319	62.70	602,0	61.39	135.335	67.67
25		3.11	2.09	594,0	60.57	133.536	66.77	647,0	65.98	145.451	72.73
	1	3.29	2.21	613,2	62.53	137.853	68.93	670,8	68.40	150.802	75.40
26		3.37	2.27	645,0	65.77	145.002	72.50	695,0	70.87	156.242	78.12
27		3.63	2.44	692,0	70.57	155.568	77.78	754,0	76.89	169.506	84.75
28		3.96	2.66	757,0	77.19	170.180	84.13	825,0	84.13	185.467	92.73
	1 1/8	4.16	2.79	788,4	80.40	177.239	88.62	863,2	88.02	194.055	97.03
29		4.23	2.84	808,0	82.39	181.646	90.82	871,0	88.82	195.809	97.90
30		4.44	2.99	847,0	86.37	190.413	95.21	923,0	94.12	207.499	103.75
31		4.77	3.20	913,0	93.10	205.251	102.63	994,0	101.36	223.460	111.73
32	1 1/4	5.13	3.45	982,0	100.14	220.762	110.38	1.057,0	107.79	237.623	118.81
33		5.41	3.64	1.036,0	105.64	232.902	116.45	1.129,0	115.13	253.809	126.90
34		5.65	3.79	1.106,0	112.78	248.639	124.32	1.205,0	122.88	270.895	135.45
35	1 3/8	6.12	4.11	1.167,0	119.00	262.352	131.18	1.277,4	130.26	287.171	143.59
36		6.45	4.34	1.235,0	125.94	277.639	138.82	1.330,0	135.62	298.996	149.50
38	1 1/2	7.16	4.81	1.369,0	139.60	307.763	153.88	1.492,0	152.14	335.415	167.71
40		7.91	5.31	1.496,0	152.55	336.314	168.16	1.621,0	165.30	364.415	182.21
	1 5/8	8.68	5.83	1.592,9	162.43	358.098	179.05	1.733,3	176.75	389.661	194.83
42		8.75	5.88	1.654,0	168.66	371.834	185.92	1.792,0	182.74	402.858	201.43
44		9.62	6.47	1.820,0	185.59	409.152	204.58	1.972,0	201.09	443.323	221.66
	1 3/4	10.10	6.78	1.857,4	189.40	417.560	208.78	2.020,9	206.08	454.316	227.16
46		10.53	7.08	1.985,0	202.42	446.246	223.12	2.150,0	219.24	483.339	241.67
48	1 7/8	11.51	7.74	2.176,0	221.89	489.184	244.59	2.356,0	240.25	529.650	264.82
50		12.43	8.35	2.350,0	239.64	528.301	264.15	2.546,0	259.62	572.363	286.18
	2	13.17	8.85	2.425,8	247.37	545.341	272.67	2.639,2	269.13	593.316	296.66
52		13.40	9.01	2.508,0	255.75	563.821	281.91	2.716,0	276.96	610.581	305.29
54	2 1/8	14.47	9.73	2.793,0	284.81	627.891	313.95	2.967,0	302.55	667.008	333.50
56		15.56	10.45	2.931,0	298.88	658.915	329.46	3.174,0	323.66	713.543	356.77