

## Casar Powerplast

### Product information



#### Applications:

Has a high breaking load and a good resistance against drum crushing. Hoist rope for deck cranes and offshore cranes, pull-in-riser and other applications in the marine environment, where rotation resistant-ropes are required.

#### Properties:

- Rotation resistant wire rope with very high breaking strength
- Very good fatigue properties
- Very high resistance against flattening and wear.
- Especially suitable for multiple layer spooling.
- A plastic layer between inner and outer strands protects against inner wear and protects the core from corrosion.

#### Discard criteria:

**ISO 4309 Rope Category No:** 10-60mm **RCN.23-3**

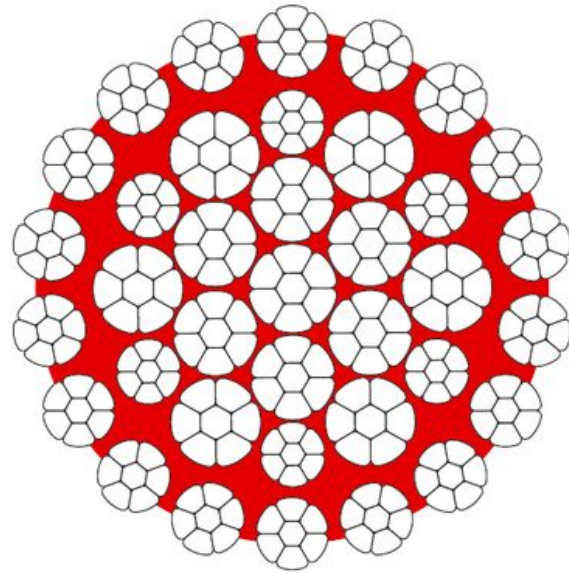
**Rope construction:** Rotation resistant wire rope with compacted inner and outer strands, plastic layer between the inner and outer strands.

**Marking:** According to standard

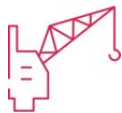
**Standard:** EN 12385-4

**Fill factor:** 0.73

**RCN:** 23-3



Mobile port crane



Offshore crane



Piling crane



Part Code	Rope Diameter, mm	Steel area mm <sup>2</sup>	Min. Breaking force kN. 1960 N/mm <sup>2</sup>	Min. Breaking force kN. 1770 N/mm <sup>2</sup>	Weight kg/100m
104101206270079	12	82.2	130.8	-	73
104102406270079	24	330	524.3	-	287
104102606250070	26	-	-	614.9	348
104103005270070	30	-	817.4	-	452
104103206270070	32	-	930	-	514
104103406270070	34	-	1045	-	577
104106606270079	66	-	4036.5	-	2,191