

Product group: 329

Product number: 411152

Product information

Specification

General

|                         |                  |
|-------------------------|------------------|
| Material type and grade | Acera H16 (HMPE) |
|-------------------------|------------------|

Physical properties

|                                     |                   |
|-------------------------------------|-------------------|
| Jacketed                            | false             |
| Line Construction                   | 12x1 braided      |
| Line Linear Density (LLD)           | 0.525 kg/m        |
| Line Tenacity (LT) Maximum          | 162.9 t/kg/m      |
| Line Tenacity (LT) Maximum (kN/g/m) | 1.68 kN/g/m       |
| Line Tenacity (LT) Measured         | 155.4 t/kg/m      |
| Load Bearing Linear Density (LBLD)  | 0.49 kg/m         |
| NSBF (if requested)                 | Not requested     |
| Rotating                            | false             |
| Splice type and design              | Tension (12S/Z)x1 |

Dimensions/Weight

|               |     |
|---------------|-----|
| Diameter [mm] | 31  |
| Length [m]    | 220 |

Technical data

|                                              |                 |
|----------------------------------------------|-----------------|
| Angled Break Force (ABF) % Avg NSBF D/d = 10 | 199.18 (99.59)  |
| Angled Break Force (ABF) % Avg NSBF D/d = 5  | 184.68 (92.34)  |
| Angled Endurance (AE) % Avg NSBF D/d = 10    | 86              |
| Angled Endurance (AE) % Avg NSBF D/d = 5     | 60.04           |
| Average Immediate Strain (e) %LDBF:10        | 0.2             |
| Average Immediate Strain (e) %LDBF:20        | 0.42            |
| Average Immediate Strain (e) %LDBF:30        | 0.62            |
| Average Immediate Strain (e) %LDBF:40        | 0.82            |
| Average Immediate Strain (e) %LDBF:50        | 1.01            |
| Axial Compression Resistance (ACR)           | 93.16% Avg NSBF |
| LDBF [kN] (from)                             | 591             |
| LDBF [kN] (up to)                            | 765             |
| LDBF [t] (from)                              | 60.2            |
| LDBF [t] (up to)                             | 78.0            |
| Line Design Break Force (LDBF)               | 78              |
| Temperature (T) % BF at 20°C -20C            | 111             |
| Temperature (T) % BF at 20°C 0C              | 110             |
| Temperature (T) % BF at 20°C 20C             | 100             |
| Temperature (T) % BF at 20°C 40C             | 94              |
| Temperature (T) % BF at 20°C 60C             | 86              |
| Temperature (T) % BF at 20°C 80C             | 57              |
| Unspliced MBL [t]                            | 83.6            |

Performance data

|                     |      |
|---------------------|------|
| DNVGL               | Y    |
| SBA                 | Y    |
| Strength adjustment | 10%  |
| Var Range From      | 100% |
| Var Range To        | 105% |

Documents

[Wilhelmsen\\_Use and Care Acera Amundsen](#)

[SDoC411152](#)

