

# Solicord Round TPU 85A Sapphire Blue SM FG 120

Article code: SCRB000126

## General information

|               |          |
|---------------|----------|
| Product group | SoliCord |
|---------------|----------|

## Construction

|                     |               |
|---------------------|---------------|
| Material            | TPU           |
| (Top)surface finish | smooth        |
| Color               | Sapphire blue |
| Shape               | Round         |
| Execution           | solid         |

## Characteristics

|                 |     |                              |
|-----------------|-----|------------------------------|
| Food Grade (FG) | yes | all foodstuff; all foodstuff |
| Antistatic (AS) | no  |                              |
| ATEX approval   | no  |                              |

## Technical data

|                         |               |           |                        |              |  |
|-------------------------|---------------|-----------|------------------------|--------------|--|
| Hardness                | ISO 868       |           | 88A Shore              |              |  |
| Recommended pre-tension |               |           | 7 %                    |              |  |
| Working tension         |               |           | 17 daN/cm <sup>2</sup> |              |  |
| Diameter                |               |           | 12 mm                  | 0.47 in.     |  |
| Cross section           |               |           | 1.131 cm <sup>2</sup>  |              |  |
| Weight                  |               |           | 0.135 kg/m             | 0.03 lb/ft   |  |
| Operating temperature   | continuous    | from / to | -30 / 80 °C            | -22 / 176 °F |  |
| Minimum pulley diameter |               |           | 110 mm                 | 4.33 in.     |  |
| Coefficient of friction | against steel | dynamic   | 0,6                    |              |  |
|                         | against PE    |           | 0,3                    |              |  |
|                         | against HDPE  |           | 0,3                    |              |  |
| Manufacturing length    | maximum       |           | 50000 mm               | 1968.5 in.   |  |

## Fabrication

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| Recommended splice types | Butt weld                                                                                              |
| Splice equipment         | Only use equipment supplied or approved by Ammeraal Beltech.                                           |
| Splicing on site         | Always first make a test splice to confirm the right settings and proper pre-heating of the equipment. |

## Additional information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.

Keep the belt tension to a practical working minimum for maximum belt and machine life.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt.