

# Solicord Round TPE 63D Beige SM FG aramid 95

Article code: SCRB000371

## General information

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

## Construction

|                     |            |
|---------------------|------------|
| Material            | TPE        |
| (Top)surface finish | smooth     |
| Color               | beige      |
| Shape               | round      |
| Execution           | reinforced |

## Characteristics

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

## Technical data

|                         |               |           |                        |  |              |
|-------------------------|---------------|-----------|------------------------|--|--------------|
| Hardness                | ISO 868       |           | 63D Shore              |  |              |
| Recommended pre-tension |               |           | 0.5-2 %                |  |              |
| Working tension         |               |           | 55 daN/cm <sup>2</sup> |  |              |
| Diameter                |               |           | 9.5 mm                 |  | 0.37 in.     |
| Cross section           |               |           | 0.71 cm <sup>2</sup>   |  |              |
| Weight                  |               |           | 0.085 kg/m             |  | 0.02 lb/ft   |
| Operating temperature   | continuous    | from / to | -30 / 100 °C           |  | -22 / 212 °F |
| Minimum pulley diameter |               |           | 150 mm                 |  | 5.91 in.     |
| Coefficient of friction | against steel | dynamic   | 0,3                    |  |              |
|                         | against PE    |           | 0,15                   |  |              |
|                         | against HDPE  |           | 0,1                    |  |              |
| Manufacturing length    | maximum       |           | 152000 mm              |  | 5984.25 in.  |

## Fabrication

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| Recommended splice types | overlap                                                                                                |
| 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.