Technical datasheet

Solicord Round TPU 80A Ultramarine Blue SM FG 30



Article code: SCRB000153

| General information | | | | | | | | | |
|-------------------------|-------------------|---------------|-----------------|--|-----------|--|--|--|--|
| Product group | SoliCord | | | | | | | | |
| | | | | | | | | | |
| Construction | | | | | | | | | |
| Material | TPU | | | | | | | | |
| (Top)surface finish | smooth | | | | | | | | |
| Color | ultra marine 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 | | | | 84A Shore | | | | |
| Recommended pre-tension | | | | | 6-8 % | | | | |

| Recommended pre-tension | | | 6-8 | % | | | | | | |
|--------------------------|--|-----------|----------|---------------------|-----------|-------|--|--|--|--|
| Working tension | | | 14 | daN/cm ² | | | | | | |
| Diameter | | | 3 | mm | 0.12 | in. | | | | |
| Cross section | | | 0.071 | cm² | | | | | | |
| Weight | | | 0.009 | kg/m | 0 | lb/ft | | | | |
| Operating temperature | continuous | from / to | -30 / 80 | °C | -22 / 176 | °F | | | | |
| Minimum pulley diameter | | | 25 | mm | 0.98 | in. | | | | |
| Coefficient of friction | against steel | dynamic | 0,65 | | | | | | | |
| | against PE | | 0,35 | | | | | | | |
| | against HDPE | | 0,3 | | | | | | | |
| Manufacturing length | maximum | | 100000 | mm | 3937.01 | 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.

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