Technical datasheet

Solicord Round TPU 80A Ultramarine Blue SM FG 50



Article code: SCRB000155

General information			
Product group	SoliCord		
Construction			
Material	TPU	TPU	
(Top)surface finish	smooth	smooth	
Color	ultra marine blue	ultra marine blue	
Shape	round	round	
Execution	solid	solid	
Characteristics			
Food Grade (FG)	yes	all foodstuff; all foodstuff	
Antistatic (AS)	no		
ATEX approval	no		
Technical data			

Technical data						
Hardness	ISO 868		84A	Shore		
Recommended pre-tension			6-8	%		
Working tension			14	daN/cm ²		
Diameter			5	mm	0.2	in.
Cross section			0.197	cm²		
Weight			0.024	kg/m	0	lb/ft
Operating temperature	continuous	from / to	-30 / 80	°C	-22 / 176	°F
Minimum pulley diameter			45	mm	1.77	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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.