Technical datasheet

Solicord Round TPU 85A Ultramarine Blue RO FG 125



Article code: SCRB000437

General information				
Product group	SoliCord			
Construction				
Material	TPU			
(Top)surface finish	Roughened			
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		88A	Shore		
Recommended pre-tension			4-8	%		
Working tension			18	daN/cm ²		
Diameter			12.5	mm	0.49	in.
Cross section			1.23	cm ²		
Weight			0.148	kg/m	0.03	lb/ft
Operating temperature	continuous	from / to	-30 / 80	°C	-22 / 176	°F
Minimum pulley diameter			125	mm	4.92	in.
Coefficient of friction	against steel	dynamic	0,45			
	against PE		0,3			
	against HDPE		0,25			
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.

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