Technical datasheet

Solicord Round TPU 80A Ultramarine Blue RO FG 48



Article code: SCRB000142

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					
Antistatic (AS)	no						
ATEX approval	no						
Technical data							
Hardness	ISO 868			84A	Shore		
Working tension				14	daN/cm ²		
Diameter				4.8	mm	0.19	in.
Cross section				0.181	cm ²		
Weight				0.022	kg/m	0	lb/ft
Operating temperature	continuous		from / to	-30 / 80	°C	-22 / 176	°F
Minimum pulley diameter				40	mm	1.57	in.
Coefficient of friction	against steel		dynamic	0,55			
	against PE			0,3			
	against HDPE			0,25			
Manufacturing length	maximum			200000	mm	7874.02	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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