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 %				

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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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