Technical datasheet

Solicord Round TPU 80A Ultramarine Blue SM FG 150



Article code: SCRB000164

General information						
Product group	SoliCord					
Construction						
Material	TPU					
(Top)surface finish	smooth					
Color	ultra marine blu	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	%					
Working tension			14	daN/cm ²					
Diameter			15	mm	0.59	in.			
Cross section			1.77	cm²					
Weight			0.215	kg/m	0.04	lb/ft			
Operating temperature	continuous	from / to	-30 / 80	°C	-22 / 176	°F			
Minimum pulley diameter			140	mm	5.51	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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