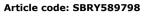
Technical datasheet

Ropanyl EM 6/2 00+S21 light blue AS FG AM





General information							
Product group	Synthetic Belts	Synthetic Belts					
Industry segment	Food						
Main product feature	Anti-microbial, Antistatic, Foodgrade						
Indication of use	Flat, Rollers, Slider bed	Flat, Rollers, Slider bed					
Belt construction							
Tension layer		polyester, stable					
Number of plies		2					
Top side	material	material Ropanyl, TPU					
	finish	profile, S21 Fine Diamond					
	color	Light blue	Light blue				
Bottom side	material	material Ropanol, PUR					
	finish	impregnated fabri	impregnated fabric				
	color	Light blue	Light blue				
Characteristics							
Food Grade (FG)	yes	yes FDA					
Antistatic (AS)	yes	yes ISO 21178					
High conductive (HC)	no						
ATEX approval	no	no					
Technical data				1			
Hardness	ISO 868	top side		Shore			
Force at 1% elongation (static)	ISO 21181			N/mm		lbs/in.	
Thickness	AB method KV.002	total	1.50		0.06		
		top cover	0.40		0.02		
Weight	AB method KV.004			kg/m²		lbs/ft²	
Operating temperature	continuous	from / to	-20 / 90		-4 / 194		
	short	from / to	-30 / 110	°C	-22 / 230	٩F	
Minimum pulley diameter	flexing		25	mm	0.98	in.	
	backflexing		50	mm	1.97	in.	
Manufacturing width	standard		2500	mm	98.43	in.	

Fabrication

Hot splicing is always preferable. Glueing can only be done when the belt is exposed to normal temperature and the humidity is not excessive. For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the seperate information.

2500 mm

98.43 in.

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. We recommend to keep the belt tension to a practical working minimum to maximize the service life of the belt and machine parts. Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt. Store belts in a cool and dry place and if possible in their original packaging.

For details consult 'Storage and handling instructions' or contact our specialist.

maximum

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