Technical datasheet

## Ropanyl EM 20/1 00+03 light blue M1 AS FG

Ammeraal Beltech
Innovation & Service in Belting

Article code: SBRY515098

General information			
Product group	Synthetic Belts		
Industry segment	Food; Wood: Panel board		
Main product feature	Antistatic, Abrasion resistant		
Indication of use	Slider bed, Rollers, Flat		

Belt construction		
Tension layer		polyester, stable
Number of plies		1
Top side	material	Ropanyl, TPU
	finish	smooth, M1 Fine matt finish
	color	Light blue
Bottom side	material	Ropanol, TPU
	finish	impregnated fabric
	color	transparent

Characteristics			
Food Grade (FG)	yes		
Antistatic (AS)	yes	ISO 21178	
High conductive (HC)	no		
Flame-retardant (FR)	no		
ATEX approval	no		

Technical data							
Hardness	ISO 868	top side	93A	Shore			
Force at 1% elongation (static)	ISO 21181		20	N/mm	114.2	lbs/in.	
Thickness	AB method KV.002	total	1.8	mm	0.07	in.	
		top cover	0.3	mm	0.01	in.	
Weight	AB method KV.004		2	kg/m²	0.41	lbs/ft²	
Operating temperature	continuous	from / to	-20 / 90	°C	-4 / 194	°F	
	short	from / to	-30 / 110	°C	-22 / 230	°F	
Minimum pulley diameter	flexing		20	mm	0.79	in.	
	backflexing		80	mm	3.15	in.	
Manufacturing width	standard		2800	mm	110.24	in.	
	maximum		3250	mm	127.95	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.

## **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.

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