Technical datasheet

Ropanyl EM 6/2 0+02 dark green M1 AS FG

Ammeraal Beltech
Innovation & Service in Belting

Article code: SBRY886111

General information	
Product group	Synthetic Belts
Main product feature	Antistatic, Foodgrade
Indication of use	Flat, Slider bed

Belt construction					
Tension layer	polyester, stable				
Number of plies		2			
Top side	material	Ropanyl, TPU			
	finish	smooth, M1 Fine matt finish			
	color	dark green			
Bottom side	material	fabric, polyester			
	finish	bare fabric			
	color	natural			

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

Technical data						
Hardness	ISO 868	top side	90A	Shore		
Force at 1% elongation (static)	ISO 21181		6	N/mm	34.26	lbs/in.
Thickness	AB method KV.002	total	1.50	mm	0.06	in.
		top cover	0.20	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		25	mm	0.98	in.
	backflexing		15	mm	0.59	in.
Manufacturing width	standard		2500	mm	98.43	in.
	maximum		3000	mm	118.11	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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