Technical datasheet

Ropanyl ESM 6/1 F1+F2 light blue AS FG AM NF



Article code: SBRY591244

Product group Industry segment Main product feature Indication of use	Anti-microbial, Antistati		kery; Container	& packaging	_			
Main product feature Indication of use	Anti-microbial, Antistati		kery; Container	& packaging	_			
Indication of use		c Foodgrade Non-fraving	Food: Meat & poultry, Confectionary & candy, Bakery; Container & packaging					
	Slider bed Rollers Flat	Anti-microbial, Antistatic, Foodgrade, Non-fraying						
- 1	Slider bed, Rollers, Flat							
Belt construction								
Tension layer		polyester spun, stable						
Number of plies		1	1					
Top side	material	Ropanyl, TPU	Ropanyl, TPU					
	finish	profile, F2 Kleen	profile, F2 Kleen emboss					
	color	Light blue	Light blue					
Bottom side	material	Ropanyl, TPU						
	finish	profile, F1 Light f	profile, F1 Light fabric emboss					
	color	Light blue						
Characteristics								
Food Grade (FG)	yes	EC 1935/2004, E	EC 1935/2004, EU 10/2011; FDA					
Antistatic (AS)	yes	ISO 21178	ISO 21178					
High conductive (HC)	no							
Flame-retardant (FR)	no							
ATEX approval	no							
Technical data			_					
Hardness	ISO 868	top side	85A	Shore				
Force at 1% elongation (static)	ISO 21181		6	N/mm	34.26	lbs/in.		
Thickness	AB method KV.002	total	1.40		0.06			
		top cover	0.20	mm	0.01	in.		
Weight	AB method KV.004		1.5	kg/m²	0.31	lbs/ft²		
Operating temperature	continuous	from / to	-20 / 90	°C	-4 / 194	°F		
	short	from / to	-20 / 110	°C	-4 / 230	°F		
Minimum pulley diameter	flexing		6	mm	0.24	in.		
	backflexing		6	mm	0.24	in.		
Manufacturing width	standard		2000	mm	78.74	in.		
	maximum		2000	mm	78.74	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.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.