Technical datasheet

## Ropanyl EM 12/2 00+05 black M1 AS / Amprint U210



Article code: SBRY579149

Main product feature   Antistatic     Indication of use   Silder bed, Rollers, Flat     Belt construction   polyseter, stable     Bet construction   2     Ton side   material   Ropanyl, TPU     Top side   material   Ropanyl, TPU     Bottom side   material   Ropanyl, TPU     Bottom side   material   Ropanyl, TPU     Food Grade (FG)   material   Ropanyl, TPU     Food Grade (FG)   no   ransparent     Flame-retardant (FR)   no   ISO 21178     Flame-retardant (FR)   no   ISO 21181     Hardness   ISO 868   top side   93A Shore     Fore at 1% elongation (static)   ISO 2184   ISO 200   ISO 200     Iso kelond KV.002   Iso kelon   ISO 200	General information							
Main product feature   Antistatic     Indication of use   Silder bed, Rollers, Flat     Belt construction   polyseter, stable     Bet construction   2     Ton side   material   Ropanyl, TPU     Top side   material   Ropanyl, TPU     Bottom side   material   Ropanyl, TPU     Bottom side   material   Ropanyl, TPU     Food Grade (FG)   material   Ropanyl, TPU     Food Grade (FG)   no   ransparent     Flame-retardant (FR)   no   ISO 21178     Flame-retardant (FR)   no   ISO 21181     Hardness   ISO 868   top side   93A Shore     Fore at 1% elongation (static)   ISO 2184   ISO 200   ISO 200     Iso kelond KV.002   Iso kelon   ISO 200	Product group	Synthetic Belts						
Bilder bed, Rollers, Flat     Belt construction     Polyster, stable     Tension layer   polyster, stable     Number of piles   2     Top side   material   Ropanyl, TPU     Top side   material   Ropanyl, TPU     Bottom side   material   Ropanol, TPU     Top side   material   Ropanol, TPU     Bottom side   material   Ropanol, TPU     Food Grade (FG)   material   Ropanol, TPU     Characteristics   south   south   south     Food Grade (FG)   no   south   south   south     High conductive (HC)   no   south   south   south     Family approval   no   south   south   south   south     Fechnical data   So SoS   top sole   93A Shore   south     Force at 1% elongation (static)   South   South   South   south   south     Force at 1% elongation (static)   South   top cover   0.5 mm   0.02 in.	Industry segment	Textile; Paper & print						
Belt construction     polyester, stable     Number of plies   2     Top side   material   Ropanyl, TPU     finish   smooth, M1 Fine matt finish     Bottom side   material   Ropanol, TPU     Bottom side   material   Ropanol, TPU     Golor   black   Smooth, M1 Fine matt finish     Bottom side   material   Ropanol, TPU     Food Grade (FG)   no   Tansparent     Characteristics   Sonofrade (FG)   no   Sonofrade (FG)   no     High conductive (HC)   no   Sonofrade (FG)   no   Sonofrade (FG)   Sonofrade (FG) <t< th=""><th>Main product feature</th><th colspan="6">Antistatic</th></t<>	Main product feature	Antistatic						
Tension layerpolyester, stableNumber of plies2Top sidematerialRopanyl, TPUfinishsmooth, M1 Fine matt finishcolorblackBottom sidematerialRopanol, TPUfinishimpregnated fabriccolortransparentcolortransparenttra	Indication of use	Slider bed, Rollers, Flat						
Tension layerpolyester, stableNumber of plies2Top sidematerialRopanyl, TPUfinishsmooth, M1 Fine matt finishcolorblackBottom sidematerialRopanol, TPUfinishimpregnated fabriccolortransparentcolortransparenttra								
Number of plies2Top sidematerialRopanyl, TPUfinishsmooth, M1 Fine matt finishcolorblackBottom sidematerialRopanol, TPUfinishimpregnated fabriccolortransparent								
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finishmodul, M1 Fine matt finishcolorblackBottom sidematerialRopanol, TPUfinishmaterialmipregnated fabricfinishimpregnated fabriccolortransparent </th <th></th> <th></th> <th></th> <th colspan="5"></th>								
olorblackBottom sidematerialRopanol, TPUfinishimpregnated fab/>impregnated fab/colortransparent<	Top side	material	Ropanyl, TPU					
Bottom side   material   Ropanol, TPU     impregnated fab/		finish	smooth, M1 Fine					
finishimpregnated fabriccolortransparentCharacteristicsFood Grade (FG)nonoISO 21178High conductive (HC)noISO 21178Flame-retardant (FR)noISO 2000000000000000000000000000000000000		color						
color   transparent     Characteristics   no     Food Grade (FG)   no     Antistatic (AS)   yes     High conductive (HC)   no     Flame-retardant (FR)   no     ATEX approval   no     Fechnical data   ISO 21178     Fardness   ISO 868   top side   93A   Shore     Force at 1% elongation (static)   ISO 21181   12   N/mm   68.52   Ibs/in.     Thickness   AB method KV.002   total   2.25   m   0.09   in.	Bottom side	material	Ropanol, TPU	Ropanol, TPU				
Anacteristics     Food Grade (FG)   no     Antistatic (AS)   yes   ISO 21178     High conductive (HC)   no		finish	impregnated fabr	impregnated fabric				
Food Grade (FG)noAntistatic (AS)yesISO 21178High conductive (HC)no		color	transparent	transparent				
Food Grade (FG)noAntistatic (AS)yesISO 21178High conductive (HC)no	Changedouistics							
Antistatic (AS)yesISO 21178High conductive (HC)no								
High conductive (HC)noFlame-retardant (FR)noATEX approvalnoTechnical dataISO 868top sideHardnessISO 868top sideForce at 1% elongation (static)ISO 21181AB method KV.002totaltop cover0.5mm0.02in.	. ,							
Flame-retardant (FR)   no     ATEX approval   no     Technical data   Technical data     Hardness   ISO 868   top side   93A   Shore     Force at 1% elongation (static)   ISO 21181   12   N/mm   68.52   Ibs/in.     Thickness   AB method KV.002   total   2.25   mm   0.09   in.     top cover   0.5   mm   0.02   in.			ISO 21178					
ATEX approval   no     Technical data   Technical data     Hardness   ISO 868   top side   93A   Shore     Force at 1% elongation (static)   ISO 21181   Control   12   N/mm   68.52   Ibs/in.     Thickness   AB method KV.002   total   2.25   mm   0.09   in.     Iso cover   0.5   mm   0.02   in.								
Technical data     Hardness   ISO 868   top side   93A   Shore   Image: Shore     Force at 1% elongation (static)   ISO 21181   top side   12   N/mm   68.52   Ibs/in.     Thickness   AB method KV.002   total   2.25   mm   0.09   in.     Image: Long to total   top cover   0.5   mm   0.02   in.		no						
Hardness     ISO 868     top side     93A     Shore     Force at 1% elongation (static)     ISO 21181     Control of the static     N/mm     688.52     Ibs/in.       Thickness     AB method KV.002     total     2.25     mm     0.09     in.       Log cover     0.5     mm     0.02     in.	ATEX approval	no						
Hardness     ISO 868     top side     93A     Shore     Force at 1% elongation (static)     ISO 21181     Control of the static     N/mm     688.52     Ibs/in.       Thickness     AB method KV.002     total     2.25     mm     0.09     in.       Log cover     0.5     mm     0.02     in.	Technical data							
Force at 1% elongation (static)     ISO 21181     12     N/mm     68.52     lbs/in.       Thickness     AB method KV.002     total     2.25     mm     0.09     in.       top cover     0.5     mm     0.02     in.		ISO 868	top side	93A	Shore			
Thickness     AB method KV.002     total     2.25     mm     0.09     in.       top cover     0.5     mm     0.02     in.						68.52	lbs/in.	
top cover 0.5 mm 0.02 in.	,	AB method KV.002	total				•	
Weight     AB method KV.004     2.58 kg/m <sup>2</sup> 0.53 lbs/ft <sup>2</sup>	Weight	AB method KV.004						
Operating temperature continuous from / to -20 / 90 °C -4 / 194 °F	-		from / to		-			
short from / to -30 / 110 °C -22 / 230 °F		short						
Minimum pulley diameter flexing 90 mm 3.54 in.	Minimum pulley diameter	flexing				3.54	in.	
backflexing 100 mm 3.94 in.		backflexing		100	mm	3.94	in.	
Manufacturing width standard 3000 mm 118.11 in.	Manufacturing width	standard		3000	mm	118.11	in.	
maximum 3000 mm 118.11 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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