

Venslide 2000E Antispark (Black Electroconductive UHMWPE)

Product Information Sheet



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Product Information

Trade name:	Venslide Antispark
Designation:	Ultra High Molecular Weight Polyethylene
Type of polymer:	Thermoplastic
Food compliance FDA:	Yes
Colour:	Black

Product Description

Venslide Antispark, black UHMWPE of a very high quality base resin, is renowned for its unique properties of excellent impact strength and abrasion resistance. Inorganic fillers make this product widely used externally with superior UV resistance. Venslide Antispark is designated to avoid the formation of electrostatic charging. According to the evaluation of the electrostatic charging as per IEC 60079-0 and EN 13463-1 resp. the material can be safely used for all explosion groups (I, IIA, IIB, and IIC) for its intended application in explosive areas in all zones, provided that a secure grounding of all goods out of this material is made. Consequently, the material can also be used for devices and machineries which have to correspond to the requirements of the EU Directive 94/9/EC (also named ATEX 95). Its implementing is prohibited until it is proven that the machine the component out of our material is to be used in complies with the EC machine directive (original version 89/393/EEC including all further amendments).

Properties

Density:	≤0.93	Kg/dm ³	ISO 1183
Yield/break stress:	20	N/mm ²	ISO 527
Temperature range (long term max):	-200 - +80	°C	

Applications and Industries

- Electrical Engineering
- Highly Wear Resistant Slide Bars
- Highly Wear Resistant Belt Guides
- Highly Wear Resistant Wear Strips
- Lining and bulk material handling
- Transportation
- Highly Wear Resistant Chain Guides
- Highly Wear Resistant Sprockets
- Highly Wear Resistant Slide Bearings
- Sliding Guides

Key Features and Benefits

- High Abrasion Resistance
- Low Coefficient of friction
- Lightweight
- Excellent retrofit for protective linings
- Designed to avoid electrostatic charging
- High Impact Resistance
- Chemical resistant
- Great release, non stick properties
- Can be cut, shaped, drilled, turned and tapped "on site" with ordinary woodworking tools.

Delivery Program

Sheets
Rod

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Revision May 2020