

Vendel MD FG (Blue Acetal)

Product Information Sheet



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Product Information

Trade name:	Metal Detectable Vendel FG
Designation:	Polyoxymethylene C magnetically detectable Food Grade, according to EU-Regulation 10/2011
Type of polymer:	Thermoplastic
Food compliance BfR	Yes
Food compliance FDA:	Yes
Colour:	Blue

Product Description

During the modification with Vendel MD FG, metal fillings are added to the basic polyoxymethylene, which allows the plastic to be detectable. The excellent machinability, tenacity and dimensional stability of the basic plastic remain. The EU VO 10/2011-/FDA approval assures physiological safety. Vendel MD plastics are used as building parts in the food industry.

Properties

Density:	1.78 g/cm ³	ISO 1183
Tensile modulus of elasticity:	3,200 MPa	ISO 527-2
Specific surface resistance:	>10 ²² Ohm	IEC 60093
Temperature for usage in air: (max. short term)	120 °C	

Applications

- Automotive industry
- Electrical industry
- Mechanical engineering
- Stirring staffs
- Medical technology
- Plastics industry
- Machine components
- Stripper

Delivery Program

Rods - Outside diameter	10 mm – 100 mm
Rods – Length	1000mm, 3000mm
Sheets – Thickness	10 mm – 60 mm
Sheets – Size	500mm x 610mm
Tolerance on length:	0% to +3%
Tolerance on width:	+1% to +4%

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