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SPInduwedge Polyester GPO3

Glass Fibre Polyester Wedges
Temperature Class F (155°C)

Properties:

Spindulam Polyester is made of epoxy-glass-sheets and has good electrical resistance combined with good mechanical strength.at medium temperatures.

Application:

The Wedges can be used as slot closure for various electrical machines,

Properties	Unit	Value	Standard
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Mechanical Properties

Flexural strength	MPa	200	DIN 53452
Module of elasticity	MPa	10570	DIN 53457
Delamination Load	N	2290	DIN 53463
Impact strength	KJ/m2	187	ISO 179

Electrical Properties

Resistance	Ohm	7,1* 10 ⁸	DIN 53482
Arc Resistance	sec.	180	DIN 53484

Thermal Properties

Temperature index	°C	155	IEC 216
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Other Properties:

Density	g/cm3	1,9	DIN 53479
Color		red	

Dimensions and Tolerances:

According to drawings, as agreed. Pressed to different shapes, with or without cooling channels.

* Similar to ISO 178, which is applied to unfilled fiber-reinforced Materials.

**Due to post curing effects the material properties are increasing on prolonged Heating.

The given Information is based on Test results that have been done with the necessary care and according to actual standards. The user is responsible for correct use in specific applications. Results may vary and are only indicators.

