

Tapes

SP 61512

Material: SP 61512 is made of a Polytetrafluorethylene film, enhanced with glass fibre, as base material with a polysiloxane adhesive.

Properties: SP 61512 offers chemical resistance, high temperature load bearing capacity, tear resistance as well as good dielectric strength.

Applications: SP 61512 is used in mold construction as separation film or sliding film to reduce frictional resistance between sliding surfaces with higher mechanical loads and temperature effects.

Colour: grey

Delivery forms: SP 61512 is available with a standard length of 33 m and 66 m. Other lengths upon customers request.

Storage conditions: SP 61512 lasts for 12 months if stored cool and dry (15 – 20°C, <65% rel. RH).

Dr. Dietrich Müller GmbH

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Property	Test method	Unit	Value
Total thickness		mm	0,175 ± 10%
Base material			PTFE
Thickness of base material		mm	0,130 ± 10%
Type of adhesive			Polysiloxane
Flammability			Bu 1
Insulating class	VDE 0530		H
Gluing capacity	DIN 40633	N/10 mm	3-5
Limit temperature		°C	180
Short-term load, 1 h		°C	350
Voltage test			No breakdown
Breakdown voltage	VE 0303	V _{eff}	3500
Electrolytic corrosion effect			A 1,0
Tear strength		N/10 mm	>200

Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and the user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.