

Tapes

Insulation adhesive tape SP 61301

Composition: Insulation adhesive tape SP 61301 is a composition made of the supporting material polyester film and an acrylate adhesive.

Properties: Insulation adhesive tape SP 61301 is a very stable and tear-resistant polyester adhesive tape with high dielectric strength.

Applications: Insulation adhesive tape SP 61301 has good adhesion to lacquer-coated wire and intermediate layer insulations.

Standard colour: Insulation adhesive tape SP 61301 is available colourless and in yellow.

Delivery forms: Insulation adhesive tape SP 61301 is delivered as tapes with a standard length of 33 and 66 m, other length on request.

Storage conditions: Insulation adhesive tape SP 61301 is durable six months when stored in a cool and dry place (5 - 20°C, <65% rel. air humidity).

Dr. Dietrich Müller GmbH

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Property	Test method	Unit	Value
Thickness	ASTM D-1000	mm	0.085 ± 10%
Supporting material	ASTM D-1000	-	Polyester film
Supporter thickness	ASTM D-1000	mm	0.050 ± 10%
Adhesive type	ASTM D-1000	-	Acrylate
Flammability	ASTM D-1000	-	Bu 1
Insulation class	VDE 0530	-	B
Adhesive force	ASTM D-1000	N/10mm	≥ 3
Shearing force after solvent stress	ASTM D-1000	N/10mm	40
Limiting temperature	ASTM D-1000	°C	130
Short-term stress (1 hour)	ASTM D-1000	°C	175
Dielectric breakdown voltage	VDE 0303	V _{eff}	10000
Electrolytic corrosion	VDE 0340	AN	1.2
Breaking load	ASTM D-1000	N/10mm	80
Elongation at break	ASTM D-1000	%	80 - 120
Tape	DIN 40633	-	Type W 50

Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and 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.