

## Crepe paper

### Insulating crepe paper black

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**Properties:** Insulating crepe paper black is a semi-conductive material with conductive properties and high dielectric strength. Insulating crepe paper black has a high purity and high oil absorption, has excellent compatibility with insulating liquids (mineral oils, silicone oils and ascerol oils) and is free of conductive particles. Insulating crepe paper black is a stretchable material.

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**Applications:** Black insulating crepe paper is mainly used for earthing leakage currents. Areas of application include high-voltage instrument transformers, transformers, power cables and control cabinet components for controlling partial discharge in switchgear. Insulation crepe paper black corresponds to insulation class A (105 °C).

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**Standard colour:** Insulating crepe paper black is supplied in the colour black.

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**Delivery forms:** Insulating crepe paper black is supplied in the form of rolls, blanks and wound tubes.

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**Storage conditions:** Insulating crepe paper black should be stored in dry rooms at room temperature and in its original packaging.

## Insulating crepe paper black

Properties		Unit	Value			
crepe paper	Thickness	mm	0,05	0,075	0,08	0,13
	Tolerance	mm	0,35±0,05	0,48±0,08	0,60±0,10	0,80±0,10
Ash Content		%	≤0,7	≤0,7	≤1,0	≤1,0
Mositure		%	6,0~9,0			
Ether extract		%	≤0,3	≤0,3	≤0,4	≤0,5
PH			6,5~7,5			
Pollution Oil		%	<0,1			
Tensile Strength	MD	KN/m	≥1,96	≥2,60	≥3,0	≥3,3
	CD	KN/m	≥1,30	≥1,96	≥2,3	≥2,7
Wrinkle degree		%	≥50			
Breakdown voltage in air		V/layer	≥950	≥1000	≥1000	≥1000
Conductivity,water displacing liquid		mS/m	≤8,0	≤8,0	≤9,0	≤10
Density		g/m2	60±10%	110±10%	110±10%	130±10%

**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.