

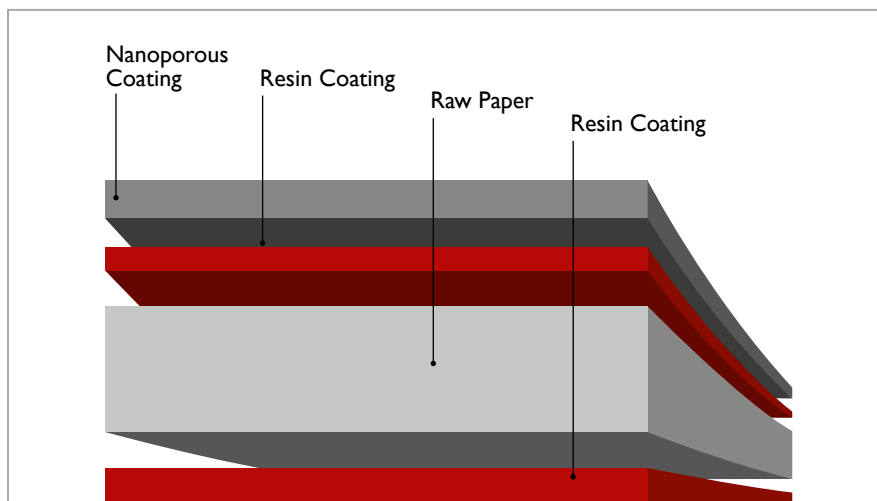
PAPER FOR ORGANIC AND PRINTED ELECTRONICS

p_e:smart paper type 3

White opaque paper based substrate
 having hydrophilic nanoporous surface
 coating.

Classification / Type: Substrate

Electrical Specifications: Insulator



Specifications:

Property	Unit	Type 3	Range	Test Method
Caliper	μm	175	± 10	DIN 20534
Grammage	g / m ²	170	± 10	ISO 536
Gloss front side	60°	50	± 10	DIN 67530
surface free energy front side	mN/m	65	± 10	Schoeller Method
surface free energy reverse side	mN/m	40	± 10	Schoeller Method
Surface resistance front side	Ohm	> 10E09		Schoeller Method
Surface resistance reverse side	Ohm	< 10E13		Schoeller Method
Stiffness MD (10mm/7,5°)	mN	> 120		DIN 53121
Stiffness CD (10mm/7,5°)	mN	> 90		DIN 53122
Temperature resistance	°C	< 100		Schoeller Method
Tensile Strength Dry MD	N/15mm	> 120		ISO 1924-1
Tensile Strength Dry CD	N/15mm	> 60		ISO 1924-1

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