

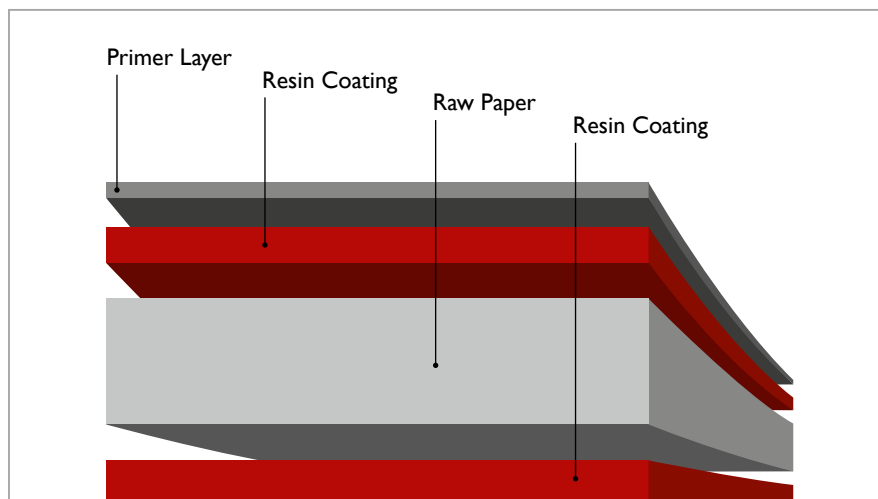
PAPER FOR ORGANIC AND PRINTED ELECTRONICS

p_e:smart paper type I

White opaque paper based substrate
 having closed, nonporous surface coating,
 with hydrophilic primer layer.
 Antistatic backcoat.

Classification / Type: Substrate

Electrical Specifications: Insulator



Specifications:

Property	Unit	Type I	Range	Test Method
Caliper	μm	185	± 10	DIN 20534
Grammage	g / m ²	190	± 10	ISO 536
Gloss front side	60°	90	± 10	DIN 67530
surface free energy front side	mN/m	55	± 10	Schoeller Method
surface free energy reverse side	mN/m	45	± 10	Schoeller Method
Surface resistance front side	Ohm	> 10E14		Schoeller Method
Surface resistance reverse side	Ohm	< 10E11		Schoeller Method
Stiffness MD (10mm/7,5°)	mN	> 330		DIN 53121
Stiffness CD (10mm/7,5°)	mN	> 150		DIN 53122
Temperature resistance	°C	< 100		Schoeller Method
Tensile Strength Dry MD	N/15mm	> 150		ISO 1924-1
Tensile Strength Dry CD	N/15mm	> 80		ISO 1924-1

Dr. Wolfgang Schmidt

wschmidt@felix-schoeller.com

phone +49 541 3800 853

Dr. Rainer Gumbiowski

rgumbiowski@felix-schoeller.com

phone +49 541 3800 678

Schoeller Technocell GmbH & Co. KG

Burg Gretesch

D-49086 Osnabrück, Germany

www.felix-schoeller.com



Felix Schoeller Group

Best Performing Papers. Worldwide.