

EkoShield 0.125 mm XT-ZRPP

PRODUCT

Code	Color	Texture	Thickness	Width	UI listing
	Black	Matte/frosted	0.125mm	1000mm	E518337
Testing	Halogen test passed, Rohs passed (ROHS)				

TECHNICAL DATA

Item	Unit	Test standard	Test value
Elongation at break	%	ASTM D-882	MD: 650 TD: 577
Tensile strength	MPa	ASTM D-882	MD: 34 TD: 26
Tear strength	N/mm	ASTM D-638	45-50
Hardness	R-Scale	ASTM D-785	61HD
RTI	°C	UL746B	115
VST	°C	ASTM D-1525	148 - 152
Surface adhesion	Dynes/cm	ASTM D-2578	38
Density	g/cm ³	ASTM D-792	0.9-0.92
Breakdown voltage	KV	ASTM D-149	≥18KV
Dielectric constant	/	ASTM D-150	2.6
CTI	V	ASTM D-3638	600
Volume resistivity	Ω·cm	ASTM D-257	3.6×10 ¹⁵

THE PRODUCT COMPLIES WITH EU STANDARDS 2002/95/EC (ROHS) AND 2006/122/EC (PFOS) AND DOES NOT CONTAIN ANY VDA-LISTED SUBSTANCES

All the information given in the above specification was developed under the QMS quality system. They contain product and application information, but do not constitute an assurance of properties. The above information does not relieve you of the obligation to conduct a test under the conditions of application at your company. The product exhibits property tolerances due to the manufacturing process. The values given are an averaging of test results. Assurance of properties in the legal sense is not related to the above data. Technical changes reserved.

The quoted adhesive strength refers to laboratory tests according to specific test standards. In no way does it imply a guarantee of any parameter with respect to other materials and bonding conditions than those specified in the test standard. In addition, due to tolerances occurring in the manufacturing process, the actual adhesive strength of the product may show some deviation from the values stated in the technical documentation.

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TECHNICAL DATA

Item	Unit	Test standard	Test value
Surface insulation resistance	Ω	ASTM D-257	4.1×10^{15}
Flame retardant grade	/	UL94	VTM-0
Oxygen index	%	ASTM D-2863	29
Water absorption	%	ASTM D-570	0.06

FEATURE

Thickness tolerance	$\pm 5\%$
Width tolerance	0+3mm
Length tolerance	Coiled Material: +3+5m Sheet: $\pm 2\text{mm}$
Storage temperature	20 $\pm$ 5, 50 $\pm$ 5% RH
The products storage period	Shelf life: 1 years

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