

## Cable Products

### Nonwoven tape for bedding, binding, separation and heat-barrier

#### DATA SHEET

**3C4201**

Properties (23°C, 50% RH)	Nominal value	Unit	Test methods = LANTOR® method
Mass per unit area	60	g/m <sup>2</sup>	ISO 9073-1 = KE030
Thickness	0.14	mm	ISO 9073-2 = KE050
Tensile strength	35	N/cm	ISO 9073-3 = KE060
Elongation	13	%	ISO 9073-3 = KE060
Surface resistance	1000	Ω/[]	IEC 167 = KE200
Volume resistivity	0.02	MΩ.cm	DIN 54345, Part 1 = KE276
Moisture content (ex works)	1	%	110°C (halogen drying) = KE186
Swelling speed (first min.)	-	mm/min.	Eur. HD 605 S1/A1 = KE100
Swelling height (final in min.)	-	mm	Eur. HD 605 S1/A1 = KE100
Max. service temperature	140	°C	IEC 216 = Info Sheet 45, Para. 11
Max. processing temperature	225	°C	Info Sheet 45, Para. 12
Composition	Polyester Polyacrylate Carbon impregnation / Calendering		

Used in (small diameter) power cables and industrial cables, in the screen area:

. under a metal screen

Used in electrical apparatus for screening and field control

Used as anti-static layer.

This information is presented in good faith but is not warranted as to the accuracy of the results.

Also, freedom from patent infringement is not inferred.

This information is offered solely for your investigation, verification and consideration.