

Cable Products

Non-conductive nonwoven tape for bedding, binding, separation and heat-barrier

DATA SHEET

3E4092

Properties (23°C, 50% RH)	Nominal value	Unit	Test methods = LANTOR® method
Mass per unit area	60	g/m ²	ISO 9073-1 = KE030
Thickness	0.20	mm	ISO 9073-2 = KE050
Tensile strength	100	N/cm	ISO 9073-3 = KE060
Elongation	16	%	ISO 9073-3 = KE060
Surface resistance	-	Ω/[]	IEC 167 = KE200
Volume resistivity	-	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 Polyester scrim / Calendering		

Used in all types of cables, especially in industrial cables, which provide current transmission (power cable function) and/or signal transmission (communications cable function) for high strength binding and separation:

- . binding of cores, under the sheath
- . over cores, under the sheath
- . over the metal screen

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