

Cable Products

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

DATA SHEET

3E6400

Properties (23°C, 50% RH)	Nominal value	Unit	Test methods = LANTOR® method
Mass per unit area	40	g/m ²	ISO 9073-1 = KE030
Thickness	0.20	mm	ISO 9073-2 = KE050
Tensile strength	30	N/cm	ISO 9073-3 = KE060
Elongation	20	%	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 Spunbonded		

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

- . between cores and/or over core(s), under the sheath
- . over the metal screen (wire, tape, foil)
- . under and over armouring (wire, tape)

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.