

Cable Products

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

DATA SHEET

3C3091

Properties (23°C, 50% RH)	Nominal value	Unit	Test methods = LANTOR® method
Mass per unit area	95	g/m ²	ISO 9073-1 = KE030
Thickness	0.50	mm	ISO 9073-2 = KE050
Tensile strength	60	N/cm	ISO 9073-3 = KE060
Elongation	14	%	ISO 9073-3 = KE060
Surface resistance	600	Ω/[]	IEC 167 = KE200
Volume resistivity	0.01	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		

Used in power cables and industrial cables, in the screen area:
. under an open metal screen (wire, tape)

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