

Design Local Philadelphia

Technical Specification

DLP-TS-20210630-02-EN

Name	Standard	Symbol	Result														
CE / DOP	EN 14041		CPR/AI/015														
Usage Classification	EN 1307		23, 33														
Luxury Class	EN 1307		LC2														
Size	EN 994		457.2 x 914.4 mm (18" x 36")														
Construction Gauge	ISO 2424		Tip-Sheared Pattern Loop 5/64"														
Fibre Composition			Invista Antron Lumena Nylon 6,6 BCF														
Dye Method			Solution dyed														
Primary Backing			Non-Woven Polyester/Polyamide														
Secondary Backing			PVC														
Stitches for 10 cm			45														
Total Thickness (mm)	ISO 1765		6.2 mm (+15%/-10%)														
Total Mass Per Unit Area (g/m ²)	ISO 8543		3020g/m ² (±15%)														
Effective Pile Thickness (mm)	ISO 8543		2.63 mm														
Total Pile Mass (g/m ²)	ISO 8543		814/488 g/m ²														
Surface Pile Density (g/m ³)	ISO 8543		0.19 g/m ³														
Number of Tufts/Loops (calculated per m ²)	ISO 1763		225,780														
Fire Resistance	EN ISO 13501-1		C _{fl} -s1														
Slip Resistance	EN 13893		Class DS														
Dimension Stability	EN 986		≤ 0.2 %														
Anti-Static Body Voltage (kV @25%rh)	ISO 6356		≤ 2.0 kV														
Vertical Electric Resistance	ISO 10965		10 ¹⁰ Ω														
Horizontal Electric Resistance	ISO 10965		10 ¹⁰ Ω														
Castor Chair Suitability	EN 985		r ≥ 2.4 / Intensive Use														
Light Colour Fastness	EN ISO 105:B02		≥ 6														
Colour Fastness to Rubbing	EN ISO 105:X12		5														
Colour Fastness to Water	EN ISO 105:E01		5														
Resistance to Fraying	EN 1814		Pass														
Impact Sound Insulation ΔL _w	EN ISO 717-2		23 dB														
Sound Absorption	ISO 354		α _w = 0.15 <table border="1"> <tr> <td>Hz</td> <td>125</td> <td>250</td> <td>500</td> <td>1000</td> <td>2000</td> <td>4000</td> </tr> <tr> <td>α_s</td> <td>0.00</td> <td>0.02</td> <td>0.07</td> <td>0.14</td> <td>0.29</td> <td>0.42</td> </tr> </table>	Hz	125	250	500	1000	2000	4000	α _s	0.00	0.02	0.07	0.14	0.29	0.42
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Thermal Resistance (m ² K/W)	ISO 8302		0.070 m ² K/W														
Emissions COV		Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).	A+														
Emissions	IAC Gold		IACG-352-04-09-2020														
Emissions	M1		Certified https://cer.rts.fi/en/m1-emission														
Environment	ISO 14025		Mannington decl. no EPD 10269														