

Elemental Spectrum (Elemental Brights)

Technical Specification

EEB-TS-20170515-01-GB

amtico
carpet

| Name | Standard | Symbol | Result |
|---|-------------------------|-------------|---|
| CE / DOP | EN 14041 | | CPR/A1/015 |
| Usage Classification | EN 1307 | | 23, 32 |
| Luxury Class | EN 1307 | | LC1 |
| Size | EN 994 | | 609.6 x 609.6 mm (24" x 24") |
| Construction Gauge | ISO 2424 | | Graphic Loop 1/10" |
| Fibre Composition | - | | Invista Antron Lumena Nylon 6,6 BCF |
| Dye Method | - | | Solution dyed |
| Primary Backing | - | | Woven Polyester |
| Secondary Backing | - | | PVC |
| Stitches per 10cm | - | | 35 |
| Total Thickness (mm) | ISO 1765 | | 5.9 mm |
| Total Mass Per Unit Area (g/m ²) | ISO 8543 | | 3891 g/m ² |
| Effective Pile Thickness (mm) | ISO 8543 | | 2.43 mm |
| Pile Mass Total/Effective (g/m ²) | ISO 8543 | | 475/330 g/m ² |
| Surface Pile Density (g/m ³) | ISO 8543 | | 0.14 g/m ³ |
| Number of Tufts/Loops (calculated per m ²) | ISO 1763 | | 145 430 |
| Fire Resistance | EN 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 ISO105: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 | | 22 dB |
| Sound Absorption | EN ISO 11654 ISO 354 | | α _w = 0.15 Hz 125 250 500 1000 2000 4000 α _v -0.01 0.03 0.08 0.15 0.32 0.39 |
| Thermal Resistance (m ² K/W) | ISO 8302 | | 0.-0713 m ² K/W |
| Emissions COV | | | A+ |
| Emissions | | | Certified / www.m1.rts.fi |
| Emissions | | AgBB | Pass |
| Emissions | | Belgium VOC | Pass |
| Environment | ISO 14025 | | Mannington decl. no EPD 10017 |