

# Against the Grain (With the Grain)

## Technical Specification

AWG-TS-20170515-01-GB

**amtico**  
carpet

Name	Standard	Symbol	Result
CE / DOP	EN 14041		CPR/A1/015
Usage Classification	EN 1307		23, 33
Luxury Class	EN 1307		LC3
Size	EN 994		457.2 x 914.4 mm (18" x 36")
Construction Gauge	ISO 2424		Tip-Shear Patterned Loop 5/64"
Fibre Composition	-		Ultron Nylon 6,6
Dye Method	-		Space/Solution dyed
Primary Backing	-		Woven Polyester
Secondary Backing	-		PVC
Stitches per 10cm	-		41
Total Thickness (mm)	ISO 1765		7.7 mm
Total Mass Per Unit Area (g/m <sup>2</sup> )	ISO 8543		5298 g/m <sup>2</sup>
Effective Pile Thickness (mm)	ISO 8543		3.57 mm
Pile Mass Total/Effective (g/m <sup>2</sup> )	ISO 8543		780/610 g/m <sup>2</sup>
Surface Pile Density (g/m <sup>3</sup> )	ISO 8543		0.17 g/m <sup>3</sup>
Number of Tufts/Loops (calculated per m <sup>2</sup> )	ISO 1763		212 230
Fire Resistance	EN 13501-1		C <sub>fl</sub> -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 <sup>10</sup> Ω
Horizontal Electric Resistance	ISO 10965		≥ 10 <sup>10</sup> 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 <sub>w</sub>	EN ISO 717-2		28 dB
Sound Absorption	EN ISO 11654 ISO 354		α <sub>w</sub> = 0.15 α <sub>v</sub> 0.00 0.08 0.07 0.19 0.35 0.51
Thermal Resistance (m <sup>2</sup> K/W)	ISO 8302		0.079 m <sup>2</sup> 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