
Appendix: Carpet Test Methods

Table 1. Carpet Test Methods

Type of Test	Test Name	Test Method
Force Required to Pull Tuft	Tuft bind	ASTM D1335
Force Required to Separate Backing from Carpet	Delamination	ASTM 3936
Flammability	Pill Test	CPSC FF 1-70
Flammability	Radiant Panel Test	ASTM E648
Smoke Density	Smoke Generation	ASTM E662
Appearance Retention	Vetterman Drum	ASTM D5417
Appearance Retention	Hexapod Drum	ASTM D5252
Appearance Retention	Roller Caster Chair Test	DIN 54324
Appearance Retention	Philips Chair Test	N/A
Colorfastness	Lightfastness	AATCC 16E
Colorfastness	Croaking	AATCC 165
Colorfastness	Ozone	AATCC 129
Colorfastness	Nitrogen Oxide	AATCC 129

(Cont'd.)

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Type of Test	Test Name	Test Method
Static Generation	Static Control	AATCC 134
Stain Resistance	Stain Resistance	AATCC 175
Soil Resistance	Fluorine Test	CRI TM-102
Volatile Organic Compound	Indoor Air Quality	ASTM D5116
Density	Density	ASTM D1505
Liquid Displacement	Density	ASTM D792
Cohesive Strength	Tensile Strength	ASTM D638
Stiffness	Tensile Modulus	ASTM D638
Hardness	Hardness	ASTM D2240
Ring & Ball Softening Point	Softening Point	ASTM E28
Viscosity of Thermoplastic	Melt Index	ASTM D1238