



Image depicts 12x12 inch section.

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Esme ESM 8940 PLANETARY

Category: Upholstery

Material: Polycarbonate Polyurethane

Physical Properties

Content: 100% Polycarbonate

Finish: PFAS-free spill- and stain-resistant treatment

Backing: Woven Polyester/Cotton

Width: 54"

Weight: 20.00 oz per linear yards

Performance

Flame Resistance: Passes Cal TB 117-2013, AB 2998 compliant - Passes NFPA 260/UFAC

Wet and Dry Crocking: Passes AATCC 8 - Dry: Grade 5; Wet: Grade 5

Breaking Strength: ASTM D751 - Warp: 128 lbs; Weft: 106 lbs

Abrasion: 100,000* double rubs, Wyzenbeek

Coating Adhesion: ASTM D751 - Warp: 10.1 lbs; Weft: 6.8 lbs

Tear Strength: ASTM D2261 - Warp: 9.6 lbs; Weft: 11.3 lbs

Seam Strength: ASTM D751- Warp: 88.7 lbs; Weft: 92.0 lbs

Colorfastness to Light: Passes AATCC 16 - Grade 4 @ 200 hours

Cleaning Code: S = Clean only with a water-free dry cleaning solvent; a diluted bleach solution can be used

Hydrolysis Resistance: ISO 1419 - 7 weeks

Sustainability

Free of flame-retardant chemicals, PFAS/PFOA/PFOS, phthalates (BBP, DBP, DEHP, DIDP, DINP, DnHP, DnOP), solvents

Printed with solvent-free inks

*Actual Wyzenbeek test results: 150,000 double rubs without showing wear. Please note that actual Abrasion test results exceeding ACT Performance Guidelines are not an indicator of product lifespan. Multiple factors affect fabric durability and appearance retention.