

Crypton EPURE Technical Specifications

**Crypton
EPURE**

Product Description	100% solvent free polycarbonate PU, 16 oz /yd ² total weight, 534 g/sqm, thickness 1.0 ± 0.1 m/m, 54" min. width	•
Applications	Commercial upholstery for moderate to high traffic areas (contract, hotel, restaurant, healthcare, marine, public places)	•
Cleanability	Stain Rating of 4-5, 5 max using AATCC chromatic scale (with recommended cleaner) Food / Oil-Based Stains (French's Mustard, Ketchup, Mayonnaise, Tea, Vinegar, Red Wine, Crayon, Mineral Oil and Black Coffee) - (1% Mild Liquid Detergent) Ballpoint Pen - (70% IPA) Blood & Urine - (70% IPA) Denim Color Transfer - (AATCC 8 Mod., 30 & 100 Rubs on Crockometer, 70% IPA)	• • • • •
Resistance to Color Transfer	Resistance to Crocking - (AATCC 8, Class 4-5 Wet / 4-5 Dry)	•
Durability to Cleaners and Disinfectants	Durable to 10+ cleaners and disinfectants 10% Bleach, 70% IPA, Formula 409, Virex II 256, Fantastik, Wexcide 128, Oxicide, Cavicide, Oxivir Tb, Citrus Cleaner	•
Performance Properties	Wyzenbeek Abrasion - (ASTM D4157, #10 cotton duct, 1,000,000 cycles) Taber - (ASTM D3389, H18 wheel, 250 cycles, 250g load, grade 4) Hydrolysis (Jungle Test) - (ISO 1419 Method C, 10 weeks, no cracking, peeling or delamination) Seam Slippage - (ASTM D4034, warp ≥ 25 lbf, fill ≥ 25 lbf) Adhesion of Coating - (ASTM D751 sect. 45-48, 8 lb/in) Tongue Tear Resistance - (ASTM D2261, warp ≥ 6 lbf, fill ≥ 6 lbf) Tensile Strength - (ASTM D5034, warp ≥ 50 lbf, fill ≥ 50 lbf) Flex Test - (ASTM D2097-03 (2010), 100,000 cycles, no cracking, whitening, crazing or coating separation both warp and fill)	• • • • • • • •
Colorfastness to Light	Resistance to Fade (AATCC 16 option 3, 200 hours, Class 4-5 using AATCC chromatic scale)	•
Odor Resistance (Inherent)	Resistance to Bacterial Growth (AATCC 100) Resistance to Fungal Growth (AATCC 30)	• •
Flammability	Cal 117-E 2013, NFPA 260 (class 1), UFAC	•
Environmental	PFAS-free Third-party GREENGUARD Certified No Chemical Flame Retardants (1.e. PBDEs) Free of potentially harmful levels of formaldehyde, heavy metals, phenols, phthalates, odor and skin sensitizers California Prop 65 Compliant Reach Compliant - does not contain any of the Substances of Very High Concern that have been banned by the European Union's REACH legislation Complies with the Healthy Hospital Initiatives (HHI) 100% Solvent Free, 100% made with no solvents No Anti-Microbial Additives	• • • • • • • • • •

Note: Bleach concentrations >10% for 10 min is not recommended.