

zeitaku

Currently dominating the mid-level luxury automotive market, this material has undergone a recent transformation allowing it to take flight and begin domination of the synthetic market in commercial and general aviation sectors.

Sustainability is imperative in our manufacturing processes. Zeitaku has been tested to meet both the stringent quality and performance specifications of the automotive OEMs, as well as the expectations and regulations of the aviation authority—all while remaining environmentally friendly.

Zeitaku provides a soft, supple hand, giving it all the tangible characteristics of natural leather. Utilizing the best resin available, it is ultra-durable, with high resistance to humidity, heat and light, making it the best choice for high traffic commercial and general aviation upholstery.

With its patented blends of skillfully engineered materials, this product has gone the distance in the automotive sector and validated its durability and performance through and through. It is now ready to take its position on the runway and take flight!

SPECIFICATIONS	TYPICAL VALUES
Width	55.12"
Mass	22oz/LY (485g/m ²)
Composition	Polycarbonate blend surface with patented Polyester backing
Thickness	.047 in 1.19mm
Wyzenbeek Abrasion ASTM D 4157-4 lbs Tension / 3 lbs Load	Warp 400,000 / fill 400,000
Taber Abrasion ASTM D 3884-H 18 Wheel / 500 g Load	13,000 average
Breaking Strength ASTM D 751 (ASTM D 5035)	Warp 149 lbf / Fill 76 lbf
Slit Tear Resistance ASTM D 2212	Warp 17.6 lbf / Fill 20.3 lbf
Stitch Tear / Seam Breaking Strength ASTM D 4705	Warp 77 lbf / Fill 84 lbf
Corrosive Characteristics QUV Mod. ASTM G 152 - 500 Hours	Pass
Newark Flex-ASTM D 2097-50,000 cycles	Pass
Cold Crack-ASTM D 2136-4 hours @ -30° F	Pass
UVC Exposure Effects on Surfaces Dimer Graduated 10-Year Protocol 62-4c	No color change, no change in sheen, no visible cracks, no change in haptic, no tackiness, no cracks on magnified surface
Colorfastness to light-AATCC 16 Opt. 3	5
Colorfastness to light-ISO-105-B02-3-21k Joules	5
Colorfastness to sunlight-AATCC 16 A	5
Colorfastness to crocking-ASTM D5053 (AATCC 8)	Dry 5 / Wet 5
Colorfastness to water-ASTM D 5552 (AATCC 107)	5
Flammability	Pass-FAR 25.853(a) Appendix F, Part I,(a), I(ii) : 12sec
Toxic gas emission (ABD0031)	Pass-AITM 3-0005 Issue 2
Smoke emission (ABD0031)	Pass-14 CFR Part 25 App. F Part V & AITM 2-0007, Issue 3

TECHNICAL DATA DEC 2020

