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PERFORMANCE | SOLUTIONS | TRUST

CASE STUDY

CUSTOMER: Global Aircraft Manufacturer

END APPLICATION: Aircraft Seating Component

CUSTOMER PROBLEM: The customer needed a product that offers high impact strength to ensure durability and resistance to breakage, while also meeting stringent safety standards, such as the FAR 25.853 flame retardancy requirements. Additionally, the product must feature hundreds of new and existing custom color matches that allowed them to satisfy their customers' demand for design and aesthetic needs, providing both functional performance and visual appeal.

AMERICHEM SOLUTION: Americhem provided multiple specialty-engineered compounds to meet diverse material selection and regulatory criteria. These included color harmony with mating parts, increased impact strength, small lot color consistency, and flame retardancy.

AMERICHEM PRODUCT DESCRIPTION:

- ColorFast[®] FRPC60UV
- ColorFast[®] FRPC500UV

VALUE PROPOSITION: Our solution offers flexible manufacturing with adaptable lot sizes to meet variable production demands. Backed by Americhem's global product portfolio, this product is available internationally, ensuring consistent supply and quality across markets. It is also halogen and PFAS-free, designed to comply with evolving regulations and environmental standards. Additionally, we provide full-service aftermarket support to assist customers with any ongoing needs, ensuring seamless product integration and long-term satisfaction.

CUSTOMER SUCCESS STORY: The customer needed a reliable solution to a very challenging technical and supply chain challenge. Americhem delivered a customized solution that allowed them to satisfy their customers' demand for a wide variety of new and existing custom colors with technical performance, just-in-time inventory management, and strict regulatory performance. All of this was able to be produced globally and delivered anywhere in the world. The customer also noticed a 100% decrease in stocked material, saving them money on overproduction, storage, and warehouse costs.

Contact Information

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