

SEKISUI KYDEX, manufacturer of KYDEX® Thermoplastics, is a globally recognized leader in high-performance polymer sheet, ideal for electric charging station housings and covers.

KYDEX® Thermoplastics sheet offer ample design flexibility utilizing durable and sustainable materials. Our quick response manufacturing model allows us to manufacture bespoke materials with short lead times in small quantities.



KYDEX® 1100 EV

An ideal material solution for electric vehicle (EV) charging station enclosures.

Physical Features:

- UL 94 V-0 Certification
- UL 746C (f1) Rated
- Extreme Durability
- Weatherable / UV Resistant
- Fire Retardant
- Low Temperature Impact Resistant
- Sustainable Material

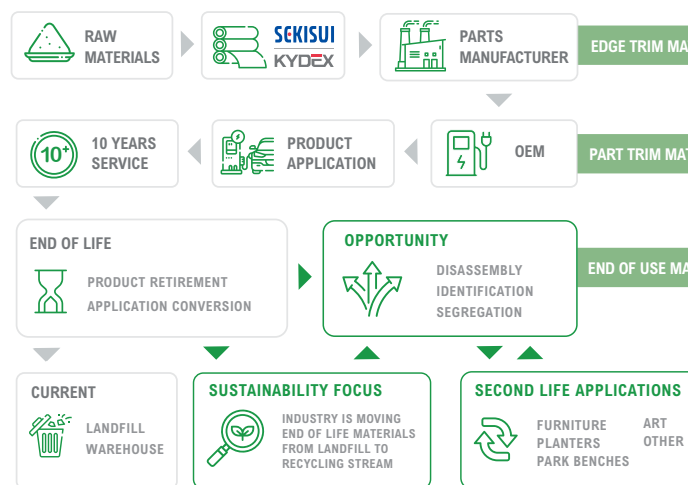
Design Freedom with:

- Custom Color
- In Mold Color / No Painting Required
- Metallic Finish
- Depth of Image with Matte or Gloss Finish
- Custom Shape - good for deep or hard to form parts

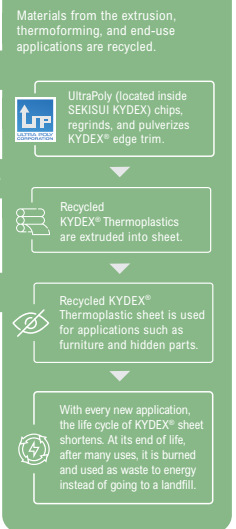
Sustainable Materials

SEKISUI KYDEX focuses on making the planet better for future generations by ensuring the lifecycle of KYDEX® Thermoplastics is a sustainable one. Here, being “green” is no recent trend. In fact, being environmentally responsible is an essential part of our business philosophy. We strive to produce and sell all of our products while keeping with our commitment to and regard for safety, health, and environmental protection worldwide.

KYDEX® Sheet Lifecycle



Recycling Process



CONNECT
WITH US



To find the right solution for your needs — contact our appLab™:

appLab™



kydex.com/app-lab



appLab@kydex.com



+1.800.682.8758

Customization Through Innovation

The SEKISUI KYDEX Innovation Centers, designLab® and appLab™, are where engineering and design meet. They are collaborative spaces for clients and customers to bring the supply chain together for rapid prototyping and to inspire colour, material, and finish designers.

Every interaction is curated to help customers reach their goals. Focused not only on products and processes, they are also designed for paths of discovery and exploration. Visitors explore ‘what if?’ questions and leave with tangible, actionable ideas.



**TAKE A VIRTUAL TOUR OF
OUR INNOVATION CENTERS**



designLab®

designLab® is where art and science combine in a collaboration space for industry thought leaders to develop a deeper understanding of colour and design. Explore the latest in 3D virtualization with X-Rite's TAC™ Ecosystem. Use vivid colours, textiles, imagery, technology, and real-world examples to create your own prototype.

- designLab® Exploration
- Infused Imaging™ Design
- Custom Colour Creation
- X-Rite TAC™ Ecosystem

appLab™

Inside appLab™, OEM industrial engineers and designers have plenty of room to explore – and ideas have plenty of room to grow. The appLab team uses dedicated fabrication tools, test equipment, and technology to develop, refine, and produce custom solutions that are production ready.

- Part Prototypes
- Mold Design
- Certifications and Regulatory Requirements
- Thermoplastics Training
- Physical Properties
- Testing Thermoforming



Brand Enhancement

By utilizing KYDEX® Thermoplastics with Infused Imaging™ Technology you can enhance your branding on charging station enclosures. Infused Imaging™ is a proprietary process that embeds colour and imagery into thermoplastic material. Not on it. Durability is enhanced because it does not chip, fade, or delaminate the way capped, vinyl, and traditionally printed images can.



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