ALLEN® Thermoplastics PRODUCT CATALOGUE





ALLEN® THERMOPLASTICS PRODUCT CATALOGUE

ALLEN® Thermoplastics, including ABS, PC/ABS, and TPO, are recognized as exceptionally durable sheet that raises the industry standard for aesthetics and extreme weather resistance.

Thermoplastics are increasingly becoming the material of choice. Many factors are driving the conversion from traditional materials to thermoplastics. Reduce weight, component complexity, and part counts with 100% recyclable ALLEN® Thermoplastics.



Why SEKISUI KYDEX?

We are more than a raw material supplier, we are a solution provider. As your collaborative partner we put innovation at the forefront by guiding you through your project from beginning to end. The experts in our Innovation Centers, designLab® and appLab™, are available to help you identify the best solutions for your applications.

Sustainability Initiatives .

SEKISUI KYDEX focuses on making the planet better for future generations by ensuring the lifecycle of KYDEX® Thermoplastics is a sustainable one.



In House Recycling: UltraPoly



Zero Waste to Landfill



Waste converted to energy powers our campuses



ISO 14001: 2015



Greenhouse Gas Reduction Initiative

CONNECT WITH US







SEKISUI KYDEX

CUSTOMER COLLABORATION

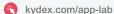




1.800.325.3133

appLab™

FOR TECH SUPPORT



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1.800.682.8758

designLab®

FOR CREATIVE SUPPORT



kydex.com/design-Lab



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Specialty thermoplastics formulated for an array of applications within diverse markets. Our products have the physical, mechanical, and thermal properties you need, and the aesthetic versatility you want.

ALLEN® Product Guide | By polymer type or application

	Polymer Type	MOQ	Price	UV Protected	Applications
	ABS Cost Effective, any color, any gloss level, Very versatile product.	2000#	\$	No (Yes, with available UV Fim)	General thermoforming, POP Displays, Heavy Equipment interiors, Equipment covers/shrouds
	ASA/ABS Medium gloss. High durability, most colors available. Excellent weatherability.	3000#	\$\$	Yes	Recreational Vehicle Exteriors, Radomes, Antenna covers, Marine applications
	Acrylic/ABS Superior gloss, excellent aesthetics. Any color, Excellent weatherability.	3000#	\$\$	Yes	Marine, golf cart accessories, kayaks, Recreational Vehicle Exteriors
147	PC/ABS Very high heat tolerance. Superior impact resistance.	2000#	\$\$\$	No	Fan shrouds, painted vehicle exteriors, Underhood applications, Industrial covers
	TPO Low gloss, high heat tolerance, great cold temperature durability, chemically resistant.	3000#	\$\$	Yes	Recreational equipment, Heavy Truck Exteriors, Industrial covers

To learn which product is best suited for your application, please contact our team below, based on your location.

ALLEN® Thermoplastics Textures





Agriculture		GLOSS	IMPACT	FMVSS-302	WEATHERABLE
	ALLEN® 2030LG	LOW	MEDIUM	-	
	ALLEN® 2040LG	LOW	HIGH	•	
	ALLEN® 2065MT	MATTE	HIGH	•	
ABS	ALLEN® 2095MG	MEDIUM	HIGH	•	
	ALLEN® 2155HG	HIGH	HIGH	•	
	ALLEN® 2160HG	HIGH	HIGH	•	
	ALLEN® 2185HG	HIGH	HIGH	-	
	ALLEN® 5050WLG	LOW/MEDIUM	HIGH	•	
ASA/ABS	ALLEN® 5100WMG	MEDIUM	HIGH	•	
ASA	ALLEN® 5160WHG	HIGH	HIGH	•	
	ALLEN® 5300WST	LOW	HIGH	•	
ASA/PCABS	ALLEN® 5200WHG	HIGH	HIGH	-	
ASA/P	ALLEN® 5225WLG	LOW/MEDIUM	HIGH	•	•
	ALLEN® 6000	HIGH	HIGH	•	
(BS	ALLEN® 6010M	LOW	MEDIUM	•	
ACRYLIC/ABS	ALLEN® 6250HG	HIGH	HIGH	•	•
ACR	ALLEN® 6300HG	HIGH	HIGH		
	ALLEN® 6400LG	LOW	MEDIUM	•	•
TPO	ALLEN® T3050LG	LOW	HIGH	-	AVAILABLE Upon request
PC	ALLEN® ALEXTRA® ET	HIGH	HIGH	•	•
BS	ALLEN® 8050TX	HIGH	HIGH	•	
PCABS	ALLEN® 8150SM	HIGH	HIGH	•	

Heavy Equipment		GLOSS	IMPACT	FMVSS-302	WEATHERABLE
ACRYLIC/ABS	ALLEN® 6000	HIGH	HIGH		•
ACRYL	ALLEN® 6010M	LOW	MEDIUM		
PC	ALLEN® ALEXTRA® ET	HIGH	HIGH	•	•
40	ALLEN® 5050WLG	LOW/MEDIUM	HIGH	•	•
ASA/ABS	ALLEN® 5100WMG	MEDIUM	HIGH		•
	ALLEN® 5160WHG	HIGH	HIGH		•
ASA/ PCABS	ALLEN® 5200WHG	HIGH	HIGH		
ASA/ABS	ALLEN® T3050LG	LOW	HIGH		AVAILABLE Upon request
ASA	ALLEN® 5300WST	LOW	HIGH	•	

THERMOPLASTICS





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SEKISUI KYDEX

CUSTOMIZATION CREATED 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 color, 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.



designLab

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

- designLab® Exploration
- Custom Color Creation
- Infused Imaging™ Design
- 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
 Testing Thermoforming Requirements
- Thermoplastics Training
- Physical Properties



FSTLab