

ALLEN® Thermoplastics

PRODUCT CATALOGUE



ALLEN®
THERMOPLASTICS
SEKISUI | KYDEX

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

kydex.com
 info@kydex.com
 1.800.325.3133

appLab™ FOR TECH SUPPORT

kydex.com/app-lab
 appLab@kydex.com
 1.800.682.8758

designLab® FOR CREATIVE SUPPORT

kydex.com/design-Lab
 designLab@kydex.com

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 Film)	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
	PC/ABS Very high heat tolerance. Superior impact resistance.	2000#	\$\$\$	No 	Fan shrouds, painted vehicle exteriors, Under-hood 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
ABS	ALLEN® 2030LG	LOW	MEDIUM	■	
	ALLEN® 2040LG	LOW	HIGH	■	
	ALLEN® 2065MT	MATTE	HIGH	■	
	ALLEN® 2095MG	MEDIUM	HIGH	■	
	ALLEN® 2155HG	HIGH	HIGH	■	
	ALLEN® 2160HG	HIGH	HIGH	■	
	ALLEN® 2185HG	HIGH	HIGH	■	
ASA/ABS	ALLEN® 5050WLG	LOW/MEDIUM	HIGH	■	■
	ALLEN® 5100WMG	MEDIUM	HIGH	■	■
	ALLEN® 5160WHG	HIGH	HIGH	■	■
	ALLEN® 5300WST	LOW	HIGH	■	
ASA/PCABS	ALLEN® 5200WHG	HIGH	HIGH	■	■
	ALLEN® 5225WLG	LOW/MEDIUM	HIGH	■	■
ACRYLIC/ABS	ALLEN® 6000	HIGH	HIGH	■	■
	ALLEN® 6010M	LOW	MEDIUM	■	■
	ALLEN® 6250HG	HIGH	HIGH	■	■
	ALLEN® 6300HG	HIGH	HIGH	■	■
	ALLEN® 6400LG	LOW	MEDIUM	■	■
TPO	ALLEN® T3050LG	LOW	HIGH	■	AVAILABLE UPON REQUEST
PC	ALLEN® ALEXTRA® ET	HIGH	HIGH	■	■
PCABS	ALLEN® 8050TX	HIGH	HIGH	■	
	ALLEN® 8150SM	HIGH	HIGH	■	

Heavy Equipment

		GLOSS	IMPACT	FMVSS-302	WEATHERABLE
ACRYLIC/ABS	ALLEN® 6000	HIGH	HIGH	■	■
	ALLEN® 6010M	LOW	MEDIUM	■	■
PC	ALLEN® ALEXTRA® ET	HIGH	HIGH	■	■
ASA/ABS	ALLEN® 5050WLG	LOW/MEDIUM	HIGH	■	■
	ALLEN® 5100WMG	MEDIUM	HIGH	■	■
	ALLEN® 5160WHG	HIGH	HIGH	■	■
ASA/PCABS	ALLEN® 5200WHG	HIGH	HIGH	■	■
ASA/ABS	ALLEN® T3050LG	LOW	HIGH	■	AVAILABLE UPON REQUEST
	ALLEN® 5300WST	LOW	HIGH	■	



WESTERN REGION

James Trotter Western Regional Business Manager	M: +1.541.452.1855 E: trotterj@kydex.com
Dave King Manufacturers Rep	M: 435-774-0060 E: dave@pacificpolymergroup.com
Dan Dickens Manufacturers Rep	T: 360.885.1141 F: 360.885.4841 M: 503.329.4781 E: dan@pacificpolymergroup.com
Barbara Klinger Customer Collaboration	T: 570.387.6997 x613

MIDWEST REGION

Joshua Brehe Midwest Regional Business Manager	M: +1.314.917.4331 E: brehej@kydex.com
Lee Bracy Customer Collaboration	T: 616.393.8200

NORTHEAST REGION

Bernadette Chupela Regional Business Mgr.	M: +1.570.337.3230 E: chupelab@kydex.com
Courtney Harris Customer Collaboration	T: 570.387.6997 x618

SOUTH CENTRAL REGION

Mark Denning Medical Market Business Manager	M: 469.404.8048 E: denningm@kydex.com
Barbara Klinger Customer Collaboration	T: 570.387.6997 x613

CENTRAL REGION

Denver Haas Regional Business Manager	T: +1.463.320.0325 E: haasd@kydex.com
Lee Bracy - MI, KY Customer Collaboration	T: 616.393.8200
Courtney Harris - IN, OH Customer Collaboration	T: 570.387.6997 x618

SOUTHEAST REGION

Michael Shamrock Regional Business Mgr.	+1.678.236.4530 shamrockm@kydex.com
Courtney Harris Customer Collaboration	T: 570.387.6997 x618

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.



INNOVATION
CENTERS

**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 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



Thermoforming KYDEX® inside appLab™

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
- Thermoplastics Training
- Physical Properties
- Testing Thermoforming Requirements