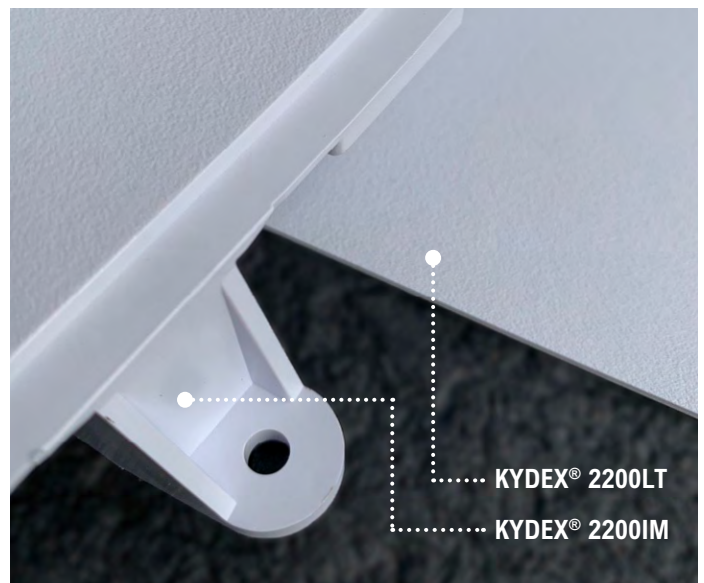


KYDEX® Injection Molding materials are a specialty formulated thermoplastic alloy and share the same physical properties as KYDEX® Thermoplastic sheet. When parts are from different sources, realizing visual consistency among materials can be extremely difficult.

Because KYDEX® 2200IM materials are specifically engineered to match KYDEX® thermoformed parts, they contribute to the overall seamless aesthetic and are as durable, and stain resistant. They are easy to disinfect and are ideal for smaller parts that are too complicated to thermoform, such as vent grilles or side panels on seats.



KYDEX® 2200IM injection molding resins are available with integral color, and engineered with the same properties as KYDEX® 2200LT Thermoplastic sheet.

KYDEX® 2200LT THERMOFORMING

- Meets ASTM E 162 & 662
- Chemical, graffiti, and stain resistant
- Excellent formability
- Integral color & design flexibility
- Durable

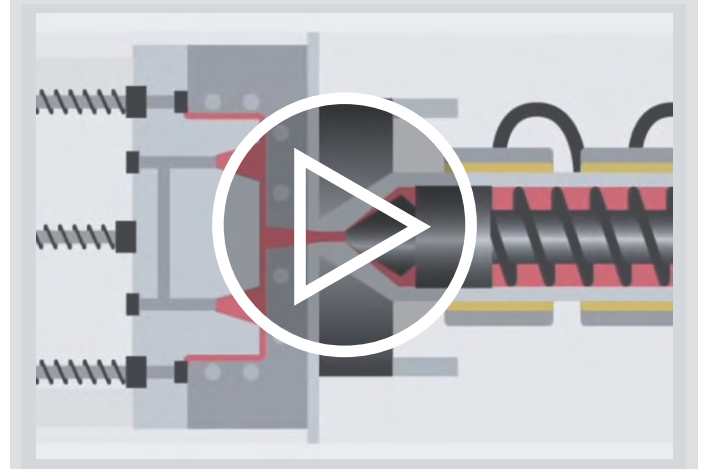
[TECH DATA SHEET](#)

KYDEX® 2200IM INJECTION MOLDING

- Meets ASTM E 162 & 662
- Graffiti and stain resistant
- Easy to process
- Integral color & design flexibility
- Durable

[TECH DATA SHEET](#)

Watch our video about the injection molding process below:





THERMOFORMING

INJECTION MOLDING



BEST FOR

PART SIZE

Creating large parts

RUN SIZE

Small to medium part runs

AESTHETICS

Parts with integral color do not require painting

PART SIZE

Creating small parts

RUN SIZE

Large runs of small parts

AESTHETICS

Parts with varying details

BENEFITS OF USING BOTH TOGETHER

Visual consistency among parts

Easy to disinfect

Unified chemical compatibility

Cost savings

Material bondability

PROCESS

3D Aluminum Form Created



TOOLING

Double-sided 3D mold created from steel or aluminum

KYDEX® Thermoplastic sheet available with integral color in a variety of formulations and textures



MATERIALS

KYDEX® Injection Molding resin available with integral color in a variety of formulations

Thermoplastic sheet is heated then molded to the tool using vacuum or pressure forming



PRODUCTION

Resin is heated and injected into a mold

Finished parts are trimmed



FINISHING

Finished parts are removed from the mold

CONNECT WITH US



SEKISUI KYDEX CUSTOMER COLLABORATION

kydex.com
 info@kydex.com
 1.800.325.3133

appLab™ TECH SUPPORT

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

Ruben Bake MASS TRANSIT BUSINESS MANAGER

kydex.com/markets/mass-transit/
 baker@kydex.com
 1.614.813.5449

appLab™ designLab™ FSTLab™

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