



FormPro® ABS Sheet

Weatherable, Versatile, Easily Formable

The FormPro® ABS (Acrylonitrile Butadiene Styrene) family of extruded sheet is among the industry's most versatile materials. When your requirements are outstanding impact strength, thermoformability/fabrication, high or low gloss options, and precise color matching. This reliable ABS sheet combines easy thermoformability while balancing toughness and aesthetics. The performance cap options of our Korad®, Acrylloy® and Royalite® R104 soft vinyl materials provide increased weatherability, chemical resistance, custom aesthetics, and unusual texture selections.

Known for ease of forming and fabrication, FormPro® sheet offers balanced performance characteristics suitable for a range of end-use applications.

KEY CHARACTERISTICS

- Co-extrusions using (Acrylic or ASA) or Korad® & Acrylloy® laminated films for extra weatherability
- Custom sizes possible
- High melt strength for easy thermoforming and excellent for deep draw thermoforming
- Excellent impact strength and high modulus properties
- Good heat deflection temperature
- Available in a variety of textures and colors, including custom color matching
- Recyclable depending on performance and appearance requirements

FormPro® sheet is available in five grades:

1101 ABS – Premium grade providing the best combination of consistent and reliable performance and appearance.

1102 ABS – Base grade material that provides an overall good balance of properties and appearance.

1103 ABS – Cost-effective, utility-grade ABS designed for utility applications, offering reliable physical properties. A sustainable solution as it incorporates a higher percentage of recycled and regrind content, making it an environmentally conscious choice without compromising performance.

1111 ABS Low Gloss – Premium grade, low gloss ABS with the best combination of consistent and reliable performance and appearance.

1112 ABS Low Gloss – Base grade, low gloss ABS with a good balance of properties and appearance suitable for utility applications. A sustainable solution as it incorporates a higher percentage of recycled and regrind content, making it an environmentally conscious choice without compromising performance.



MARKET AND APPLICATIONS

FormPro® ABS sheet is used in a wide variety of markets and applications, including:

- **Transportation** – interior RV surrounds & components, interior automotive trim parts, and dash panels
- **Building & Construction** – bath surrounds, whirlpool tub bases, in-store displays and concrete forms
- **Appliance** – refrigerator liners, water purification, custom shrouds and housings
- **Agricultural & Construction Equipment** – door panels, interior dash panels, overhead components
- **Other markets** – Marine, Power Sports, Medical

ABS GRADE	IMPACT STRENGTH/DURABILITY	FLEXURAL MODULUS	HEAT DEFLECTION	APPEARANCE	GLOSS
1101 Premium	Best	Best	Best	Best	High
1102 Base Grade	Better	Best	Best	Better	High
1103 Utility	Good	Good	Good	Good	High
1111 Low Gloss	Better	Better	Best	Best	Low
1112 Low Gloss	Good	Good	Good	Good	Low

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