

PLASKOLITE, INC.

OPTIX

PRODUCTS:

- Acrylic Sheet
- Impact Modified Acrylic Sheet
- Copolyester Sheet
- Roll Stock Acrylic Sheet
- Colored Acrylic Sheet
- Patterned Sheet
- High Performance Coatings
- Thin & Thick Gauge Acrylic Sheet
- Frosted Acrylic Sheet
- Acrylic Sheet with Matte Finish
- Polystyrene Sheet
- Acrylic Mirror Sheet
- Acrylic Resins

PLASKOLITE, INC.

Plaskolite, a privately held company, was founded in 1950, and for over 60 years has built an excellent reputation based on service, quality, stability and integrity.

Plaskolite is a leading manufacturer of many types of acrylic, thermoplastic and mirrored sheet. Sheet products include Optix acrylic, Duraplex impact modified acrylic, roll stock acrylic, polystyrene and Fabback mirrored sheet. In addition, Plaskolite also manufactures acrylic resin and lighting panels.

Plaskolite controls most raw materials in-house, employs a fully integrated manufacturing process converting acrylic monomer into acrylic resin and then into acrylic sheet to provide customers with flawless quality, competitive prices and unparalleled customer service. Standard sheet sizes are well-stocked and ready to ship. Special sizes, patterns and thicknesses are also available as part of Plaskolite's Run-to-Size program.

To better accommodate the diverse needs of our overseas customers, Plaskolite is prepared to meet each customer's size, tolerance, currency, packing, and shipping requirements. Plaskolite also supports a worldwide network of independent distributors.

Our main facilities in Ohio serve the eastern USA, Canada, Central and South American markets. Our Riverside, CA and Compton, CA facilities serve the western USA and Pacific markets. The distribution facility in Doesburg, Holland serves Benelux, German and UK markets. Additional facilities are located in Grand Saline, TX; Olive Branch, MS; and Monterrey, MX.

COMPANY PROFILE

FOUNDED: 1950

EMPLOYEES: 550

LOCATIONS:

- Columbus, Ohio (manufacturing and distribution)
- Zanesville, Ohio (manufacturing and distribution)
- Compton, California (manufacturing and distribution)
- Grand Saline, Texas (manufacturing and distribution)
- Olive Branch, Mississippi (manufacturing and distribution)
- Monterrey, Mexico (manufacturing and distribution)
- Riverside, California (distribution)
- Doesburg, Holland (distribution)

PLASKOLITE, INC.

Columbus, Ohio*

Manufacturing and distribution



Zanesville, Ohio*

Manufacturing and distribution



* Plaskolite's Quality Management System is certified as being in conformance with the ISO 9001:2008 standard.

PLASKOLITE, INC.

Grand Saline, Texas

Manufacturing and distribution



Olive Branch, Mississippi

Manufacturing and distribution



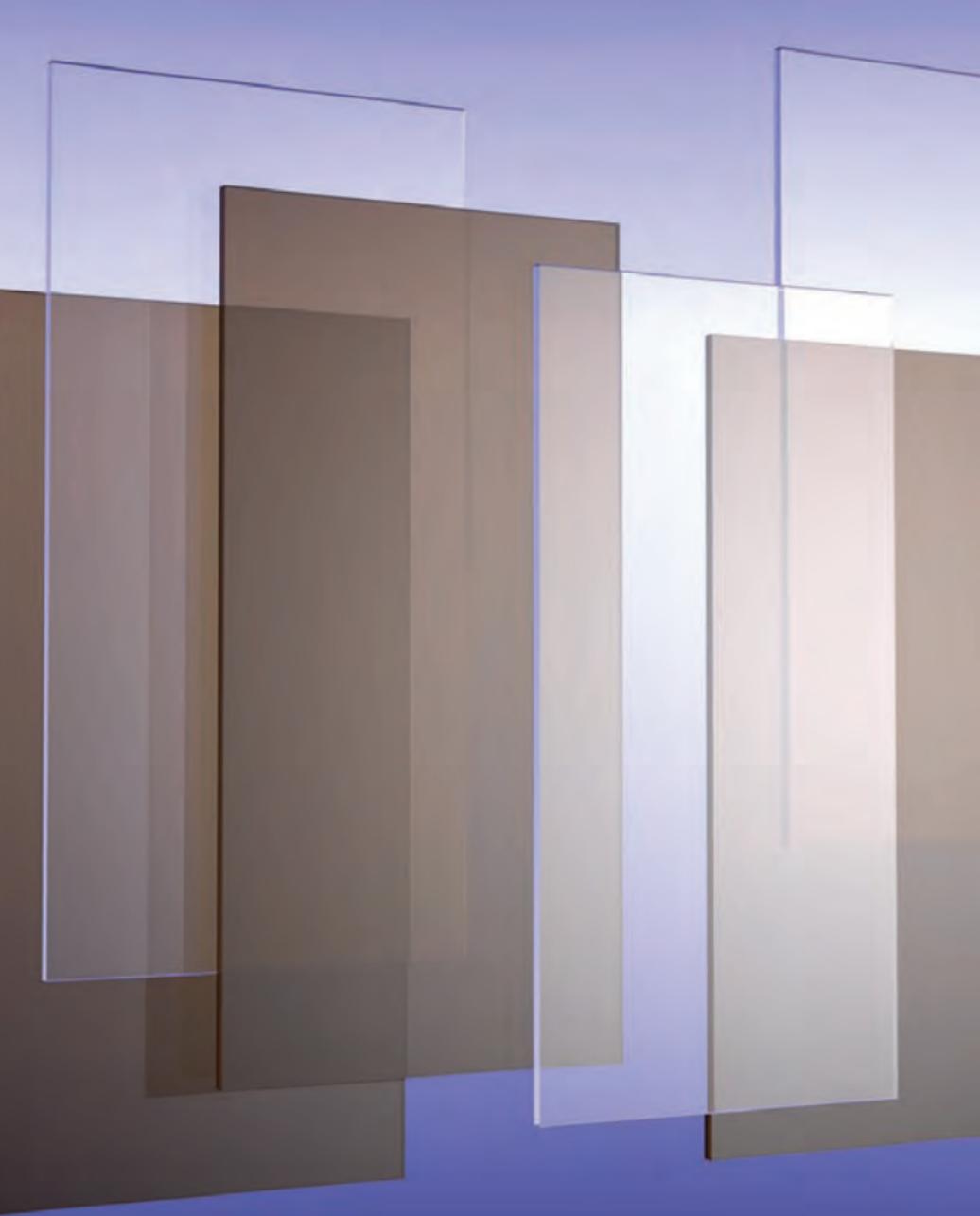
Monterrey, Mexico

Manufacturing and distribution



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ACRYLIC (PMMA) SHEET

Ideal for fabrication and glazing applications.

- Crystal clear.
- Impact-resistant - 5 times as strong as glass.
- Weather-resistant - Non-yellowing.
- Thicknesses .031" - 1.0" (.8mm - 25.4mm).
- Widths to 104" (2641mm).
- A variety of stock sizes.
- Custom tolerances and thicknesses available.
- High molecular weight for superior thermoforming, bending and flame-polishing.

COLORED ACRYLIC (PMMA) SHEET

- Available colors include black, white(s), gray(s), bronze(s) and green-edge.
- Custom Color matching and **Run-to-Size** sheet available.



DURAPLEX

IMPACT MODIFIED ACRYLIC (PMMA) SHEET

**Ideal for sign, display, automotive accessory
and skylight applications.**

- Economical alternative to polycarbonate with greatest advantages being:
 - weatherability
 - thermoforming capabilities
- Superior impact resistance, 10 times as strong as acrylic, 40 times as strong as single-strength glass.
- Shatter-resistant.
- Low orientation/reversion sheet for drape or clamp forming.
- Wide range of forming temperatures and short forming cycles.
- Available in thicknesses of .040" to .500" (1mm to 12.7mm). Widths up to 105" (2667mm).
- Various blends of impact material offered.
- **Run-to-Size** sheet offered.



MUSTANG®

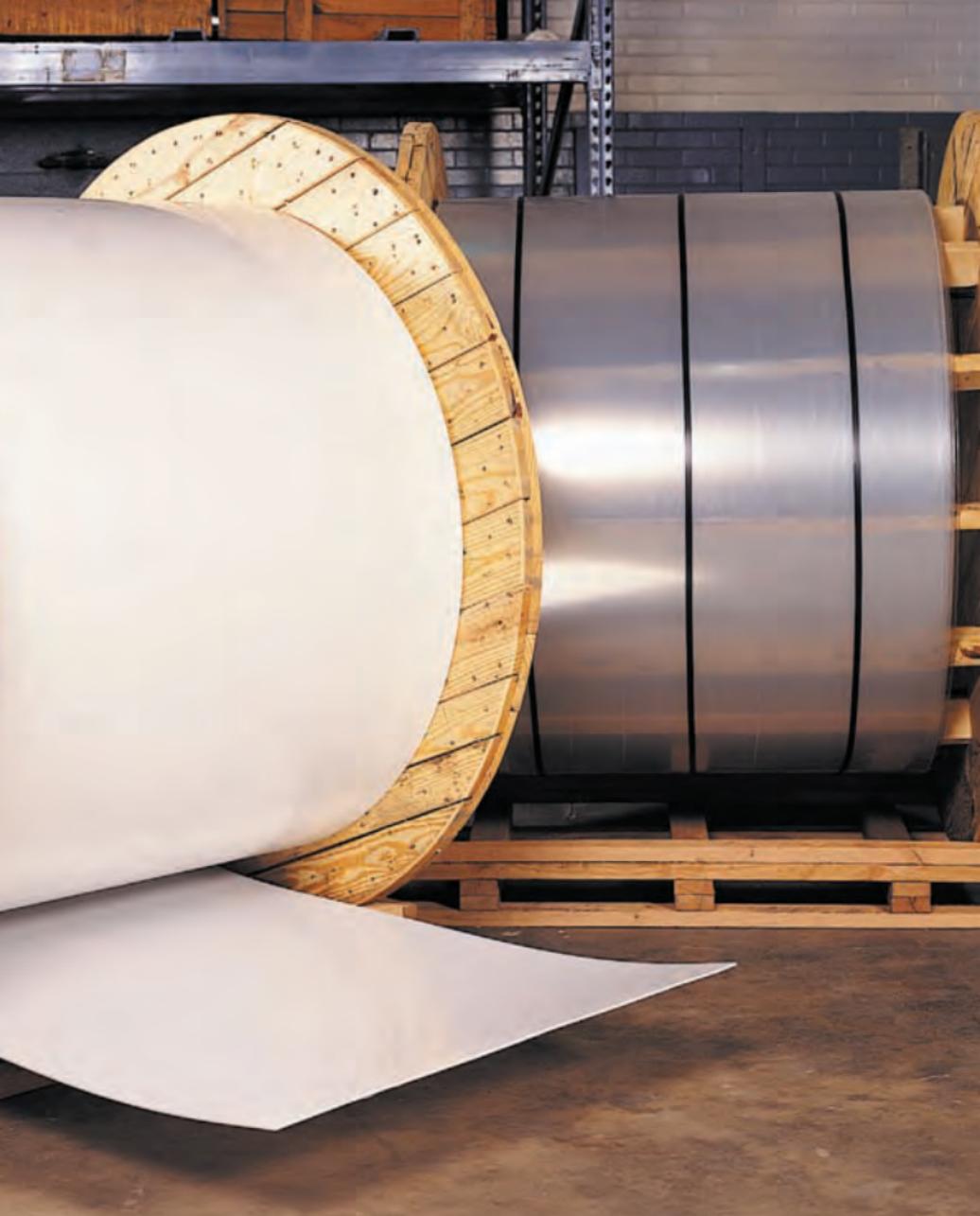
COPOLYESTER SHEET

Ideal for thermoforming applications.

- Impact strength comparable to that of Polycarbonate, but without the need to pre-dry sheet prior to thermoforming.
- Outstanding thermoforming detail and shorter thermoforming cycle times.
- Low forming temperatures allow for sheet to be formed with pre-applied vinyl.
- Consistent part definition helps make distortion forming much easier.
- Available in clear and white, flat sheet and roll stock.

MUSTANG®-CHROME

- Mimics the look of real chrome, with a highly reflective, see-through surface that can be backlit at night.
- Provides a modern, sophisticated appearance for thermoforming applications that require low stretch.
- 47" and 57" wide chrome laminate is available on clear or white Mustang substrate, in sheet widths up to 70".



OPTIX ROLL STOCK

Ideal for sign applications.

DURAPLEX

MUSTANG

- Unlimited lengths, no seams in finished parts.
- Efficient handling and fabricating techniques.
- Opens inventory storage space.
- Better total sheet usage, less scrap.
- Clear and colors offered in Optix SG general purpose, Duraplex SG-05 medium impact, SG-10 high impact and Mustang copolyester.
- Available in widths up to 105" (2667mm), in a thickness range from .118" to .236" (3mm to 6mm).
- Custom colors, widths and thicknesses available.



Light Diffusing Acrylic Sheet

Typical can lights require a 5" channel depth. OPTIX®-LD Light Diffusing Acrylic Sheet allows for a less costly, better-looking 3" channel depth.

OTHER BRANDS



LIGHT DIFFUSING ACRYLIC (PMMA) SHEET

Ideal for sign applications.

- Superior diffusion properties allow for greater sign design flexibility and slim profile channel (CAN) letters.
- Performance is unsurpassed when used with neon, fluorescent or LED lights.
- Eliminates visible hot spots and luminance fluctuations without affecting light transmission properties.
- Available colors:
2157 Red, 2283 Red, 2793 Red, 2447 White, 2050 Blue, 7328 White, 2114 Blue and 2037 Yellow
- SG05 Medium Impact Colors include: 2447 White, 2793 Red and 2283 Red
- Available thicknesses:
.118" & .177" (3mm to 4.5mm)
- Custom corporate colors and sheet sizes available.



OPTIX

PATTERNED ACRYLIC (PMMA) AND POLYSTYRENE (PS) SHEET

Ideal for lighting applications.

- Prismatic, Cracked Ice, Flat Mist, Egg Crate and Prisma Square patterns for lighting applications.
- Weather-resistant.
- Built-in anti-sag characteristics.
- The KSH line of light panels was designed for specialty projects where control and direction of fluorescent and HID light sources is required.

Ideal for shower door applications.

- Stippled, embossed and thumbprint patterns.
- Wide range of sizes.
- Lighter and more impact-resistant than glass.

Ideal for picture frame, silk screening and P.O.P. applications.

- Non-glare acrylic available in heavy and light matte finishes.
- Non-glare polystyrene (PS) sheet offered in .050" (1.3mm) from 5" x 7" to 24" x 36" (127mm x 178mm to 610mm x 914mm).
- Available in widths up to 60" (1524mm).
- **Run-to-Size** sheet offered.

OPTIX[®]ING

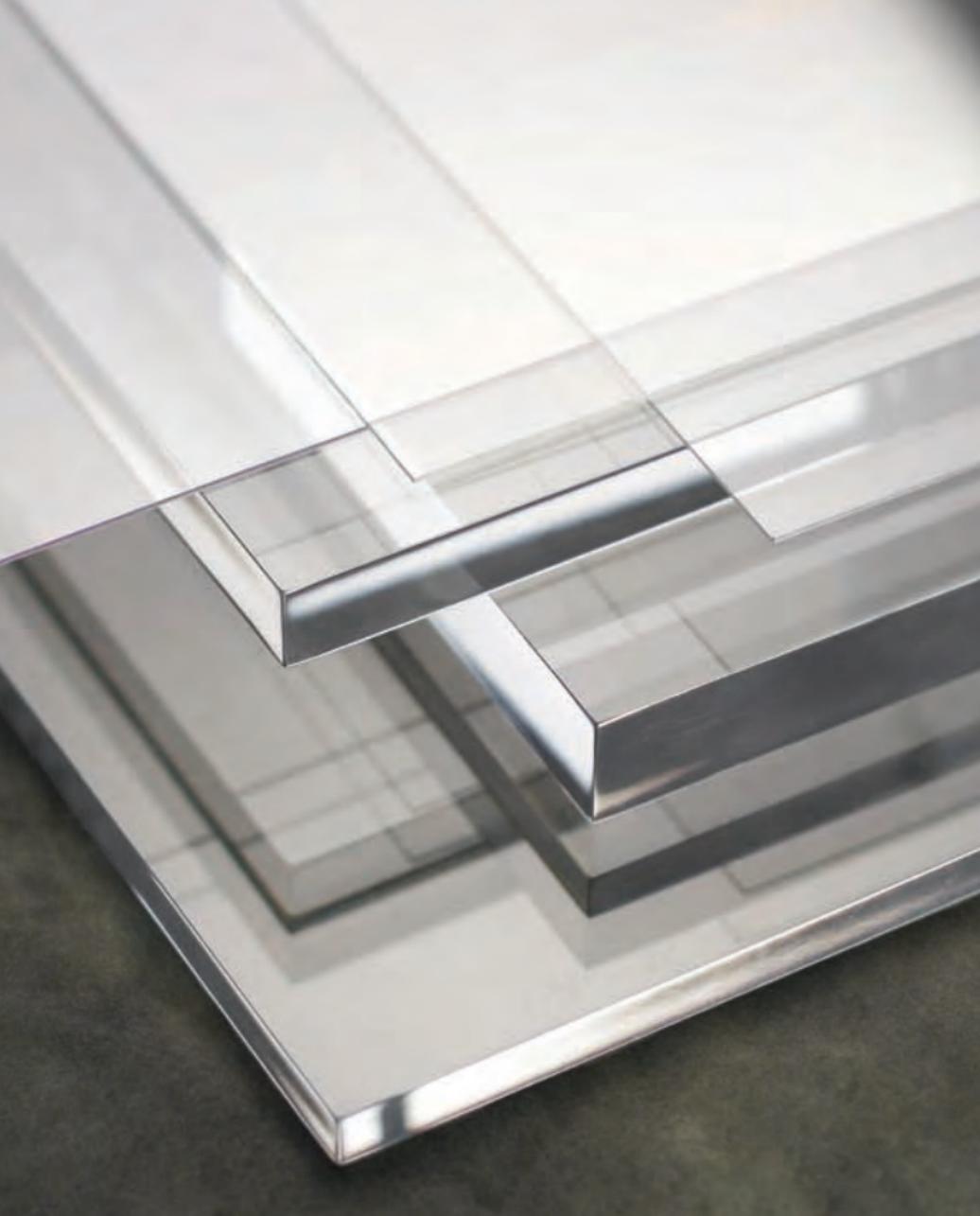


Imagine the coating possibilities

HIGH PERFORMANCE COATINGS

Plaskolite offers coating services for a variety of thermoplastic sheet products, as well as formed parts. Available high-performance coating options include:

- Abrasion Resistant Optical Quality Coatings (HMR/AR)
- Anti-Fog Mirror Coatings (AFM)
- Hard Coat Anti-Fog Optical Quality Coating (HCAF)
- Formable Acrylic Hard Coatings (FAHC)
- Formable Hard Coat Optical Quality PC Coatings (FHC)
- Impact Modified UV Cure Hard Coat (IMHC)
- Reduced Glare Optical Quality (RG)
- Solar Reflective Optical Quality Coatings (IR)
- 1st Surface Mirror Coatings



OPTIX THIN AND THICK GAUGE ACRYLIC (PMMA) SHEET

Ideal for mobile phone displays and vehicle instrument panels.

- Clear acrylic is offered in .031" (.8mm) and .039" (1mm).
- Available with an abrasion-resistant hard-coat.
- Thin gauge acrylic is supplied with a low-residue film masking for optical applications.
- Widths available up to 58" (1473mm).

Ideal for P.O.P displays, noise abatement barriers and outdoor signage.

- Thick gauge acrylic offered in widths up to 104" (2641mm).
- Superior quality.
- Available in full sheets.
- **Run-to-Size** sheet offered.



OPTIX FROSTED ACRYLIC (PMMA) SHEET

Ideal for P.O.P., store fixtures and light diffusers.

- Frosting throughout sheet, providing an elegant textured surface on both sides.
- Ease in fabrication without significant loss of frosted appearance.
- Resists fingerprints and scratches.
- Thicknesses .118" - .375" (3mm - 9.5mm).

OPTIX.95 CLEAR ACRYLIC (PMMA) SHEET WITH MATTE FINISH - ONE SIDE

Ideal for P.O.P., store fixtures and fabricated parts.

- Finish provides a decorative effect and reduces surface reflections.
- Available in 48" x 96" (1219mm x 2438mm) sheet size.
- Thicknesses .118" - .375" (3mm - 9.5mm).
- **Run-to-Size** sheet offered.



OPTIX[®]-DA
DIGITAL ACRYLIC

UV INK COMPATIBLE ACRYLIC (PMMA) SHEET

Ideal for printing applications.

- Designed as the perfect acrylic sheet for flatbed digital printers that use UV curable ink.
- Achieve optimal adhesion of UV inks without applying an adhesion promoter.
- Available in clear and white.
- Contact Plaskolite for thickness and size availability.



POLYSTYRENE (PS) SHEET

Ideal for picture frame applications.

- Available in clear as well as non-glare, (anti-reflex) pattern.
- Lighter and more impact-resistant than glass.
- Outstanding durability.
- Available with UV additive to filter out damaging wavelengths.
- Thicknesses in .040" clear (1mm) and .050" non-glare (1.2mm).
- Protective masking on both sides.
- Lightweight for ease of installation.
- Sizes available 5" x 7" (127mm x 178mm) up to 36" x 48" (914mm to 1220mm).
- Precut to popular picture frame sizes or cut to exact size specifications.
- **Run-to-Size** sheet offered.



COLORS AVAILABLE:

1000 Blue
1020 Purple
1050 Gray
1119 Orange
1300 Gold
1310 Red
1400 Red
1450 Pink
1600 Bronze
2069 Blue
2064 Gray*
2120 Teal
2208 Yellow
2404 Bronze*
2414 Green
2422 Amber
2423 Red
2424 Blue
4674 Green

* .236" (6mm) thickness available.

FABBACK ACRYLIC (PMMA) MIRROR SHEET

Ideal for displays, decorative units, casinos, signage and cosmetic displays.

- Offered with the industry's toughest, most durable backing.
- Clear mirror is offered in thicknesses of .060" to .236" (1.5mm – 6mm). Standard sheet is 48" x 96" (1220mm x 2440mm), but 36" x 60" to 80" x 120" (914mm x 1524mm to 2032mm x 3017mm) non-stock sizes are also available.
- Clear mirror is also available in other substrates including PETG and Polycarbonate.
- Premium products include two-sided and see-through mirror; A-81 Stipple, PL-21 Prismatic and non-glare patterns; and abrasion-resistant coatings.

Color Acrylic Mirror Sheet

- Color mirror is offered in .118" (3mm) thickness, in a sheet size of 48" x 96.5" (1220mm x 2450mm).
- Supplied with a clear 3 mil laser masking.
- Custom sizes, colors and thicknesses available.



RUN-TO-SIZE PROGRAM

Plaskolite offers the flexibility of buying acrylic sheet literally **Run-to-Size** per your specifications. This helps you save time, eliminate scrap, improve productivity, reduce wear and tear on your equipment, and improve your profitability.

Acrylic sheet is available in:

- Wide range of sizes and thicknesses.
- Low minimum order requirements.
- Quick turnaround time—the shortest in the industry.
- State-of-the-art sheet lines with the most precise tolerances.
- Saw cut and slitter cut edges available.
- Superior service and Inside Sales.

You are losing a clear advantage if you are not buying Run-to-Size sheet from Plaskolite.



ACRYLIC (PMMA) RESINS

Ideal for extrusion and injection molding.

- Excellent optical clarity, 92% light transmission.
- Unsurpassed weatherability versus other thermoplastic materials.
- Custom formulations available in addition to standard ultraviolet absorbing and transmitting grades.
- Quality-controlled for consistent high performance.
- Technical and Engineering support services ready to answer questions on molding/extrusion processing, mold design and troubleshooting.

DISCLAIMER

This brochure does not constitute an offer to sell by the Company. The Company sells ONLY under its current Terms and Conditions of Sale which appear on its Acknowledgements and Invoices. A current copy of the Company's Terms and Conditions of Sale will be supplied upon request. The details provided are believed to be accurate at the time of publication; however, no description is a warranty that the product is suitable for any particular application. The Company makes no warranties, and undertakes and accepts no liabilities, except only as set forth in its current Terms and Conditions of Sale.



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