

Signage and Lighting Materials



The Global Leader in High-Performance Plastics

Acrylic



ACRYLITE® Pop Touch



ACRYLITE® Crystal Ice



ACRYLITE® Satin Ice



ACRYLITE® EndLighten



ACRYLITE® Reflections Radiant



ACRYLITE® Resist Bullet



ACRYLITE® Black White LED



ACRYLITE® Rods & Tubes

Acrylic is an amorphous thermoplastic which is optically transparent, unaffected by moisture, and offers a high strength-to-weight ratio. Acrylic offers high light transmittance and can be easily heat-formed without loss of optical clarity. Prolonged exposure to moisture, or even total immersion in water, does not significantly effect the mechanical or optical properties of this outstanding economical and multi-purpose material. Cast acrylic is 17 times stronger than glass and is easily machined and thermoformed.

Available Types of Acrylic

- | | |
|-----------------------|-------------------------|
| Sheet, Rod and Tube | Bullet Resistant |
| Optical (for display) | Framing Grade |
| Mirror | Static Dissipative |
| High Impact Resistant | Extruded and Cast |
| Satin-Texture | Designer Pattern's |
| Solar | Heat Stop/IR Reflective |
| Non-Glare | LED/Light Diffusing |
| Textured | Light Guide |
| Aerospace grade | Micro Ban Resistant |
| Abrasion Resistant | Edge Glow |
| Corrugated | Museum Grade |
| Frosted | Plexiglas |
| Edge Lit | Acrylite |
| General Purpose | Prismatic |
| UV Transmitting | MIL-P-5425 |
| UV Filtering | MIL-P-8184 |
| Sign Grade | |

PETG Sheets



PETG - POP Display

PETG / Spectar® Co-polyester sheet is a thermoplastic sheet used in engineering applications. PETG offers the capability to produce complex shapes, precise details, deep draws and compound curves without worrying about durability. It's easily formed, die-cut and punched. It brings increased design freedom and lower fabrication costs. In sheet form, PETG has the impact strength and fabrication ease that acrylic can't touch, with the durability to significantly reduce packaging and shipping costs.

Available Types of PETG

- | | |
|------------------|----------------|
| Clear and Colors | Sign Grades |
| FDA Grade | Lenticular |
| UV Grades | Sheet and Film |

Polycarbonate



We are proud to offer the complete line of Sheffield Makrolon products.

Polycarbonate sheet (aka Lexan®, Makrolon®) glazing offers superior durability, unmatched design flexibility and structural integrity that easily surpasses laminated glass and acrylic alternatives. Polycarbonate offers excellent impact resistance, clarity and electrical properties. It is UV resistant and is available in a number of different grades.

Polycarbonate AR Sheet and Makrolon® AR Abrasion-Resistant Polycarbonate Sheet offers glasslike surface hardness and the impact strength of polycarbonate. With enhanced UV resistance to protect against yellowing and hazing, Makrolon AR provides a longer service life for high-profile architectural glazing, and performs extremely well for other flat applications such as view windows and machine guards in harsh chemical environments.

Available Types of Polycarbonate

Textured	Face Shield Welding (IR and UV Blocking)	Food Grade
Flame Inhibiting	Automotive Laminate	Lexan
UV Resistant	Bullet Resistant	Makrolon
Sign Reels	Containment Grade	MAK15
LED / Light Diffusing	Aircraft Grade	Multiwall
Abrasion Resistant	Dust Covers	Corrugated
Static Dissipative	Aircraft Mirror	Prismatic
High Optical Clarity	Clear and Colors	Bayblend
Transportation Grade	Sheet and Film	Hurricane Resistant
Machine Grade	FDA Grade	
Window Grade		



Brands Offered

Acrylite®

Lucite®

Fabback®

Lexan®

SciCron®

Optix®

Makrolon®

Vivak®

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USA Toll Free **(800) 966-PROS** ⁽⁷⁷⁶⁷⁾

sales@proplas.com

www.professionalplastics.com

Fullerton, California

Corporate Office

1810 E. Valencia Dr.
Fullerton, CA 92831
Tel: 800-878-0755
Fax: 714-447-0114

San Diego, California

Corporate Marketing Office

8322 Clairemont Mesa Blvd.
Suite 210
San Diego, CA 92111
Tel: 866-888-5141
Fax: 858-637-2805

Sacramento, California

2940 Ramco St. #100
West Sacramento, CA 95691
Tel: 800-338-2011
Fax: 916-376-0944

San Jose, California

2175 Kruse Dr.
San Jose, CA 95131
Tel: 800-523-2807
Fax: 408-434-9433

Phoenix, Arizona

4449 S. 38th Pl.
Phoenix, AZ 85040
Tel: 800-445-3303
Fax: 602-437-0399

Denver, Colorado

4725 Leyden St.
Suite A
Denver, CO 80216
Tel: 800-453-3502
Fax: 303-331-9816

Smyrna, Georgia

5500 South Cobb Dr.
Bldg 400-1
Smyrna, GA 30080
Tel: 888-259-9641
Fax: 800-495-3157

Kalispell, Montana

468 Ash Rd., Unit A
Kalispell, MT 59901
Tel: 800-223-8360
Fax: 406-752-6782

Orchard Park, New York

145 Mid County Dr.
Orchard Park, NY 14127
Tel: 866-896-2790
Fax: 716-686-9310

Cleveland, Ohio

2445 Edison Blvd.
Twinsburg, OH 44087
Tel: 866-329-6774
Fax: 216-741-1766

Tualatin, Oregon

19801 SW 95th Ave.
Tualatin, OR 97062
Tel: 800-616-7236
Fax: 503-612-1771

Houston, Texas

10641 S. Sam Houston Pkwy W.
Building 5, Suite 100
Houston, TX 77071
Tel: 877-216-7767
Fax: 281-879-4502

Carrollton, Texas

2060 Luna Rd.
Suite 120
Carrollton, TX 75006
Tel: 800-654-7069
Fax: 214-575-5410

Ogden, Utah

2670 Commerce Way
Ogden, UT 84401
Tel: 801-444-2429
Fax: 801-544-5064

Tukwila, Washington

6233 Segale Park Dr. D
Tukwila, WA 98188
Tel: 800-223-8360
Fax: 253-872-7704

Singapore



Asia Headquarters

Professional Plastics Pte Ltd.
No. 7 Yishun Industrial Street 1
#05-32 North Spring Biz Hub
Singapore 768162
Tel: +65-6266-6193
Fax: +65-6266-6579
asia-sales@proplas.com

Taiwan



Professional Plastics Co. Ltd.
Section 1 - No. 10, Tiedao Rd,
Dong District, Hsinchu City
Taiwan 300
Tel: +886 (3) 535-7850
Fax: +886 (3) 535-7860
taiwan-sales@proplas.com

Headquarters in Fullerton, CA



Bayer MaterialScience