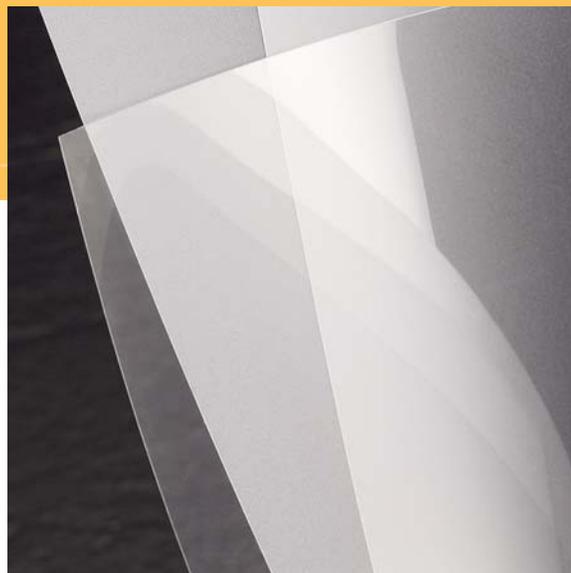


Bayfol® Polycarbonate UV1 7-2



PRODUCT OVERVIEW

Bayfol® UV1 7-2 is a UV resistant polycarbonate film. This enhanced film offers a first surface velvet and a second surface fine matte texture. Bayfol UV1 7-2 is available in .007", .010", .015", .020", .025", and .030" thicknesses.

Applications include:

- Gas pump graphics
- Nameplates/labels
- Harsh environments
- Outdoor signage

TYPICAL PROPERTIES

| PROPERTIES | TEST METHOD | UNITS | VALUES |
|---|----------------------------------|-------------------------|---------|
| PHYSICAL | | | |
| Specific Gravity | ASTM D792 | | 1.20 |
| Conversion factor | | ft ² /lb-mil | 160 |
| Water absorption (immersion @73°F 24 hours) | ASTM D570 | % | 0.40 |
| First surface gloss 60° angle, black inked second surface | ASTM D2457 | gloss unit | 4.5-8.5 |
| OPTICAL | | | |
| Haze | ASTM D1003 | % | >0.9 |
| Light transmission | ASTM D1003 | % | 93 |
| Yellowness index | ASTM E313 | | 1 |
| MECHANICAL | | | |
| Tensile strength, yield | ASTM D882 | psi | 7,500 |
| Tensile strength, break | ASTM D882 | psi | 7,400 |
| Elongation @ break | ASTM D882 | % | 110 |
| Tear strength, initiation | ASTM D1004 | lb/in | 1,100 |
| UV RESISTANCE - XENON ARC | | | |
| 300 hr | SAE J1960 | Yellowness index | 1.0 |
| 600 hr | SAE J1960 | Yellowness index | 1.5 |
| 800 hr | SAE J1960 | Yellowness index | 1.6 |
| 1000 hr | SAE J1960 | Yellowness index | 1.9 |
| CHEMICAL RESISTANCE* | | | |
| 40% NaOH | Surface contact at 73°F for 1 hr | | Passed |
| Concentrated HCl | Surface contact at 73°F for 1 hr | | Passed |
| Premium gasoline | Surface contact at 73°F for 1 hr | | Passed |

*Failure includes permanent staining, blistering, delamination, or cracking

Proud supplier of Bayer Bayfol® Polycarbonate Film  **BAYFOL®**

Put us to work – for you!™

Curbell Plastics has been supplying plastic sheet, rod, tube, films, adhesives, sealants, tapes, prototyping and tooling materials, and fabricated parts for over 65 years

| | | | | | |
|----------------------------|--------------------------|-----------------------------|----------------------------|---------------------------------|----------------------------------|
| ATLANTA 800.433.9756 | COLORADO 866.319.8723 | NEW ENGLAND 800.637.2763 | PITTSBURGH 800.548.0650 | VIRGINIA 888.349.8897 | FILMS GROUP 888.287.2355 |
| CINCINNATI 800.334.9699 | DETROIT 800.354.4798 | PHILA & NJ 800.831.2550 | ROCHESTER 800.722.2140 | WESTERN NY 800.544.1498 | CORPORATE OFFICE 716.667.3377 |
| CLEVELAND 800.223.2725 | FLORIDA 888.388.3417 | PHOENIX 800.227.7963 | SYRACUSE 800.446.4624 | TAPES & FABRICS 888.287.2355 | |



NATIONWIDE 1.888.CURBELL
www.curbellplastics.com