



IMPACT MODIFIED EXTRUDED ACRYLIC

Tough, Reliable & Versatile. **Impact Modified Extruded Acrylic** is designed for superior strength and durability while maintaining the clarity and visual appeal of standard Acrylic. Formulated with enhanced impact resistance properties, it offers up to ten times the toughness of conventional Acrylic, making it the ideal solution for demanding environments. Lightweight, weather-resistant and easy to fabricate, **Impact Modified Extruded Acrylic** is perfect for protective screens, signage, glazing and outdoor applications where safety and longevity matters.

KEY FEATURES

- Superior impact resistance
- Lightweight
- Easily fabricated, thermoformed or polished
- Optical clarity & high light transmission
- High surface hardness
- Chemical resistance to common acids
- Excellent weatherability

PRODUCT APPLICATIONS

- Protective screens
- Glazing
- Exterior & interior signage
- Commercial & retail fit-outs

COLOURS



Coloured swatch may not represent physical product.

PROPERTIES

| GENERAL | RESULTS |
|---------------------------------------|-------------------------------|
| Weight (3mm) | 3.57kg/m ² |
| Relative Density (ISO 1183) | 1.19cm ³ |
| Light Transmission (Clear colour) | 92% |
| Cleaning: | Warm soapy water & soft cloth |
| MECHANICAL | |
| Tensile Strength (ISO 527.2) | 55Mpa |
| Flexural Strength (ISO 527.2) | 85Mpa |
| THERMAL | |
| Service Temperature (EGR TDS) | 70°C |
| Vicat Softening Temperature (ISO 306) | 98°C |
| Flammability (AS/NZS 3837:1) | Group 4 |

PRODUCT RANGE

| COLOUR | GAUGE | SIZE |
|--------|--------------|----------------------------|
| Clear | 3mm | 2540x1270mm 3050x1550mm |
| | 4.5mm 6mm | |
| Opal | 3mm 4.5mm | |

