



Physical Properties	Specifications
Substrate	Acrylic
Colors	See catalogue
Thicknesses	0,8 mm / 1,6 mm / 3,2 mm
Sheet Sizes	1245 x 616 mm (+/- 3 mm)
Fabrications Properties	Router, saw, die-cut and laser
Engraving Depth	0,08 mm
Use	Exterior, interior
Processing	Screenprinting: yes Hot stamping: yes UV printing: yes
UV Light Resistance	500 hours QUV or equivalent of 2 years without any color change or fading
Abrasion	Taber testing < 200 cycles CS17 wheel / 500 gram
Cleaning Instructions	N / A
Optical	N / A
Vicat Softening Point	ASTM D-1525 98 °C (50 °C/hr; 10N) ASTM D-1525 86 °C (50 °C/hr; 50N)
Specific Gravity	ASTM D-792 1.15 g/cc
Tensile Modulus	ASTM D-638 270,000 psi
Izod Impact	ASTM D-256 @ 23 °C 1.1 ft-lbs/in notch
Flexural Modulus	ASTM D-790 270,000 PSI
Thermal Conductivity	ASTM C-117 1.5 BTU/hr*ft ² *F/in
Tensile Strength @ Maximum	ASTM D-638 5,500 psi
Flexural Strength @ Maximum	ASTM D-790 10,300 psi
Heat Deflection Temperature	ASTM D-648 (0.455 MPa; annealed) 89 °C ASTM D-648 (1.82 MPa; annealed) 80 °C
Hardness	ASTM D-785 45M Rockwell
Melt Flow Rate	ASTM D-1238 1.0g/10min (230 °C/ 3.8 kg)

All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses, and that purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations, Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. THERE IS NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR ANY PURPOSE. PRODUCTS WILL MEET SELLER'S STANDARD SPECIFICATIONS THEREFORE, BUT THERE ARE NO OTHER WARRANTIES FOR THE PRODUCTS DESCRIBED.