

PLASKOLITE

ASTM D6098

TUFFAK® POLYCARBONATE MONOLITHIC SHEET

S-PC Requirements for Polycarbonate (PC) Shapes

ASTM D6098 specification establishes the classification, requirements, and test methods for extruded and compression molded plates, rods, and tubular bars manufactured from polycarbonate or recycled plastics. This specification does not cover materials used in glazing and signage. The method is intended to be a means of calling out mechanical grade plastic products used for fabrication of end items or parts. The polycarbonate shape products may be categorized by type, grade, and class depending on resin and filler compositions.

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TUFFAK® Sheet	Category and Definition Type, Class, Grade	ASTM D6098 Classification
FD	Type 01 = Polycarbonate Class 1 = Unfilled Grade 1 = As Specified	ASTM D-6098 S-PC0111
GP	Type 01 = Polycarbonate Class 1 = Unfilled Grade 0 = As Specified	ASTM D-6098 S-PC0110
GP, SL, UV, SK, MG, WG	Type 01 = Polycarbonate Class 2 = UV Stabilized Grade 0 = As Specified	ASTM D-6098 S-PC0120

Appropriately sampled specimens shall be tested and conform accordingly to the following properties: tensile strength at break, elongation at break, and tangent tensile modulus; size and dimensional stability; lengthwise camber and widthwise bow; squareness; flexural modulus; and Izod impact strength.

DISCLAIMER:

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.