

TECHNICAL INFORMATION

Cast General Grade Acrylic sheet

Roehm America LLC is now offering
Cast General Grade acrylic sheet,
which is a high quality cast acrylic
sheet.

PROPERTIES

The table below shows typical values for 3 mm thick
Cast General Grade sheet. Some values will
change with thickness.

Colorless Sheet: Color Code 0F00
Not covered by 30 year weathering warranty
Consistent edge color

TEST	METHOD	TYPICAL VALUES*
Tensile Strength	ASTM D-638	10,063psi
Tensile Elongation @ rupture	ASTM D-638	8%
Tensile Modulus	ASTM D-638	419,160 psi
Flexural Strength	ASTM D-790	14,930 psi
Flexural Modulus	ASTM D-790	443,750 psi

*Not for specification purposes

DIMENSIONAL TOLERANCES

Length and width - /+ 2 mm

DEFECTS

Scratches:

- Any linear mark which breaks through the
outer skin of the acrylic sheet leaving a
visible line.

Limit:

- None allowed longer than 2 mm

Dirt:

- Foreign matter included or imbedded in the
plastic sheet.

Limit:

- Maximum allowable size is 2.0 mm
(0.080"). Maximum allowable frequency is
5 per 16 square feet for particles within
allowable size, unless grouped in a
distance within 500 mm. Particles smaller
than 2.0 mm are to be disregarded unless
grouped in an objectionable pattern.