RÖCHLING Engineering Plastics

RÖCHLING news & knowledge

December | 2009

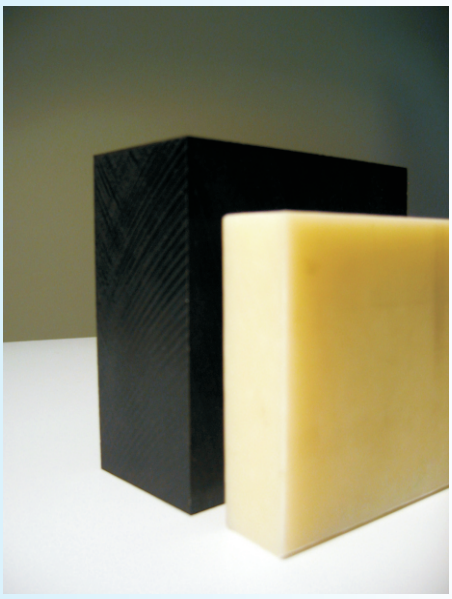
Polystone® ABS - compression molded sheets.

NEW

Polystone® ABS

Polystone® ABS is now available from Röchling Engineering Plastics in compression molded sheets from 3/8" to 4" thick in standard sizes of 48" x 96" and 48" x 120". This product is also available in our MegaSheet (96" x 240") if desired for improved yields or large pieces.

Most often used by machine shops and fabricators to produce prototypes, **Polystone® ABS** is best known for its impact strength, rigidity and overall toughness. It is easily machined by sawing, drilling, turning and milling. Available in Natural and Black, this material has good weldability and can be electroplated.



Polystone® ABS is ideal for prototypes, models and short-run production parts.

Material Properties:

- **resistant to very high impact loading**
- **good adhesive properties**
- **weldable**
- **can be electroplated**
- **low distortion under mechanical loads**
- **good surface hardness**

Applications

- prototypes
- models
- housings
- machine guards
- short-run production parts
- industrial enclosures

Available as:

Sheets: 3/8" to 4" thick
Colors: Black & Natural

Röchling Engineering Plastics offers the most comprehensive product line in the USA and Canada including:

Polystone® M (UHMW-PE)
Polystone® P (Polypropylene)
Polystone® G (HDPE)
Sustamid® Nylon
Sustarin® Acetal
Susta HPM's

The values indicated result from numerous measurements for an approximation of the values and are to our best knowledge. They serve as information about our products and are presented as a guide to choose from a range of materials. This however does not include an assurance of specific properties or the suitability for particular application purposes that are legally binding. Since the properties also depend on the dimension of the semi-finished products and the degree of crystallization (e.g. nucleating by pigments), the actual values of the properties of a particular product may differ from indicated values.

DIN EN ISO 9001:2008 · DQS/UL
RÖCHLING Engineering Plastics
Quality wins