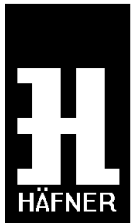
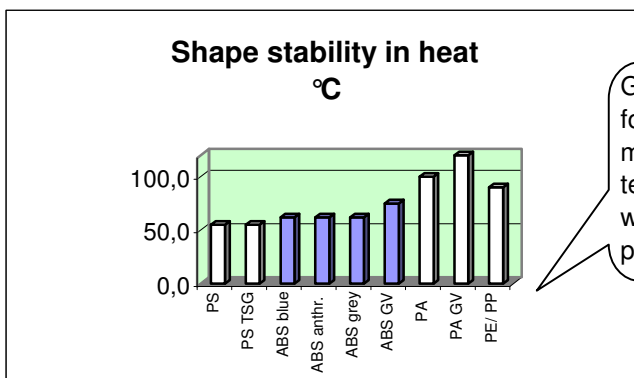
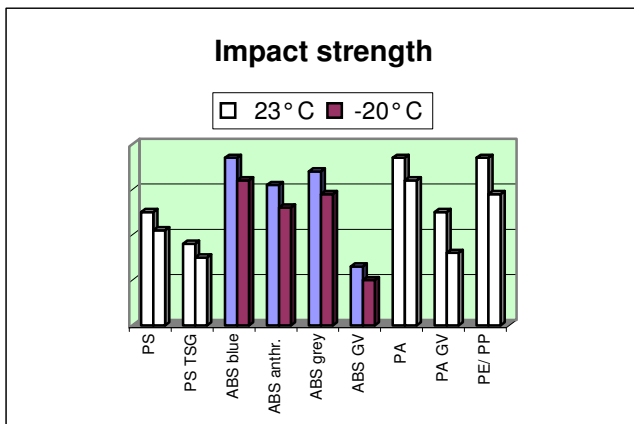
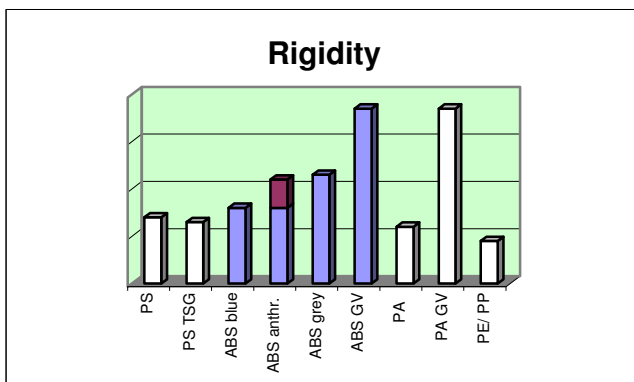
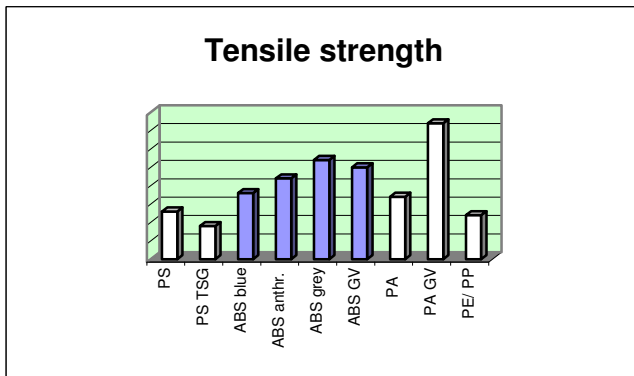


Material Data Sheet ABS



ABS = Acrylonitrile Butadien Styrene
 ABS GV = Glasfibre reinforced ABS

Different Characteristic in comparison



Guide values for the maximum working temperatures with unfilled parts.

Colours:

ABS grey = harder than ABS blue
 ABS blue = impact strength better than ABS grey.
 ABS anthr. = cheaper than ABS grey
 ABS GV = grey, due to the glasfibre reinforcement harder and more rigid than ABS grey.

Other cover colours are possible.

Density:

ABS = 1,04 - 1,08 g/ cm³
 ABS GV = 1,20 - 1,40 g/ cm³

Coefficient of thermal expansion:

8 - 10 * 1 / K * 10⁻⁵

Absorption of water:

< 0,4 %

Chemical resistance:

Limited resistance against oils and aromatic Hydro carbons (however far better than Polystyrene).

Resistance:

e. g. against Alkali, thinned Mineral acids and most salts.

Not resistance:

e. g. against concentrated Acids, Ether, Benzine.

Tension crack formation:

By simultaneous influence of specific chemicals and tensions, tension crack corrosion can take place. If in doubt, please ask us.

Gluing with solvent glues is possible

All data as compiled in this data sheet is based on our suppliers data and our own experiences. The given indications and data do not constitute any guarantee for the condition and quality of the raw materials and / or the products produced from that.