

MATERIALS

Materials Properties Chart

Material	Temperature Resistance		resistant against										non resistant against					trans-parency			
	intermittent	continuous	non oxidising acids	non oxidising alkalis	alcohol	solvents	fuels	oils	greases	weak acids	oxidising agents	chlorohydrocarbons	solvents	benzol	acids	translucid	transparent	opaque	translucent		
LD-PE	60	40	●	●	●	●	●	●	●	●	●	●				●	●	●			
HD-PE	100	80	●	●	●	●	●	●	●	●	●	●				●	●	●			
LLD-PE	90	70	●	●	●	●	●	●	●	●	●	●				●	●	●			
PHT	150	120			●		●	●	●									●			
TPE	150	120	●	●	●		●	●										●			
Posicon	250	170						●			●						●				
PP	130	100	●	●	●	●	●	●	●	●	●	●						●			
PS	80	60	●	●	●			●	●		●		●	●				●			
SB	80	60	●	●	●			●	●		●		●	●				●			
PA 6	150	90		●		●	●	●						●				●	●		

CAPTOP®, DURASAFE® and QUICKFIT® Plastic Parts are predominantly manufactured from polyethylene (LD-PE, HD-PE), polypropylene (PP) and nylon (PA6). This involves the use of carbon and hydrogen. These plastic parts are completely recyclable. Please refer to the individual product descriptions in this catalogue for further properties. For special requirements of a mechanical, thermal or chemical nature, we can also manufacture in a wide choice of other materials. Please contact us with further details of your specific needs.

Standard Colour Options

Colour	Remark	Colour code
sulphur yellow	Colour to DIN 4818 Standard	RAL 1016
orange	Colour to DIN 4818 Standard	RAL 2004
red	Colour to DIN 4818 Standard	RAL 3000
blue	Colour to DIN 4818 Standard	RAL 5012
green	Colour to DIN 4818 Standard	RAL 6001
dark grey	Colour to DIN 4818 Standard	RAL 7001
light grey	Colour to DIN 4818 Standard	RAL 7035
brown	Colour to DIN 4818 Standard	RAL 8007
white	Colour to DIN 4818 Standard	RAL 9010
black	Colour to DIN 4818 Standard	RAL 9005

CAPTOP®, DURASAFE® and QUICKFIT® Plastic Parts are manufactured in a range of standard colours corresponding to the individual product descriptions in this catalogue. In addition, further colours are available for special production runs at an additional cost. Variations in standard colours may occur occasionally. This is unavoidable due to differences in both pigments and raw plastic material properties. For additional colours, please contact us with your specific needs.

General Tolerances

The table values indicated above are theoretical averages which may vary with tolerances in the production process in accordance with DIN 16901.
 General dimensional tolerances are: +/- 2% and do not exceed +/- 1.0mm.