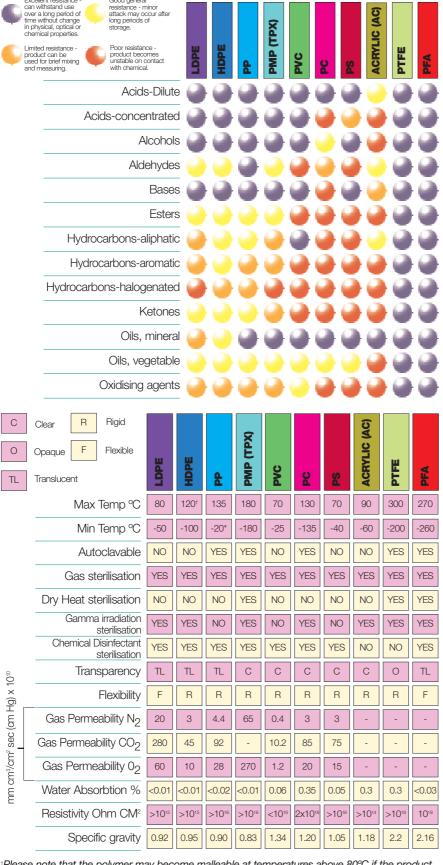
Physical Properties & Chemical Resistance of Polymers



†Please note that the polymer may become malleable at temperatures above 80°C if the product is under structural stress.

Use and Care of Plastics

Chemicals can affect the strength, flexibility, appearance, dimensions and weight of plastics depending on



... the concentration.



Never place plastic labware in direct contact with a flame or directly onto a hotplate surface.





Generally, you can clean most plastic labware laboratory detergent and rinse with distilled water.

Avoid using scourers or abrasive cleaners that scratch the plastic.



Particular care should be taken to avoid the use of strong alkali cleaners with polycarbonate. In the case of stains, oils, greases or other agents which cannot be removed by conventional washing you can adopt the following measures with care:

- a. Soaking in chromic acid solution will loosen organic particles.
- b. Bleaches (such as sodium hypochlorite if used at 20°C - 25°C will also assist in the cleaning of organically stained plastic labware. Not suitable for use with polycarbonate.
- c. Methylene chloride and acetone will help remove oils, however prolonged exposure to such organic solvents can cause swelling of certain plastics. In general do not use solvents with polycarbonate, PVC, acrylic or polystyrene.

For more detailed information on cleaning procedures contact our technical dept.

^{*}Warning. Material may become brittle at low temperatures