

Product information

systainer®



Material & Characteristics

The systainer® is completely made of **ABS-plastics** (acrylnitrile-butadiene-styrene).

The systainer® stands out due to the ABS-plastics in the following characteristics:

- weathering resistance
- permanent quality control
- high mechanical strength and rigidity
- high impact resistance in coldness: 70 kJ/m² without breakage at -40°C
- high dimensional stability under cold and heat: utilisation from -40°C to +70°C, temporarily up to +85 °C
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- relatively low water absorption: 10-13 mg or rather 0,2-0,26%
- high chemical resistance against diluted acids and caustic solutions, saturated hydrocarbons and carburettor fuels with an ambient temperature of +20°C over years and with an ambient temperature of +50°C over months: sulphuric acid up to 50 %
- ABS falls into the category of thermoplastic resins which can be remelted 100% and makes the systainer® an eco-friendly product which can be recycled completely.

Features

	pros	benefits
• linkability	all systainer® are quickly and at will linkable/combinable with each other	saves time and steps at transport
• diversity	several standard types and various interior fittings	individual solutions
• functionality	the systainer®-form is oriented to a maximum of applicability	usage for various sectors
• quality	best base material (ABS) combined with a most stable design structure result in a maximum of firmness	- very long lifetime - low net weight - applicable as a reusable package
• interchangeability	all construction units like lid, catch or handle are exchangeable without tools	fast and reliable repair
• portability	the systainer®-towers can be carried on one handle because of their linkability	a maximum of mobility
• transportation	the heights, the standardised basic dimensions, as well as the linkability grant a laminar and safe stacking	laminar and safe stacking (either in a lorry or car, in a stock or store)
• euro pallets	due to the embedded catches and handle, the external form is reduced to an optimally stackable cuboid	savings in volume and money for the transport on pallets
• storage	set-off areas for delivery notes and product designation	savings in time in the stock