

Plastic vehicle bodies

The superstructures are made from polypropylene sheets and fabricated by a welding process. This highly innovative technology is a unique cost effective alternative and offers multiple unmatched advantages over traditional technologies. The thoroughly computed process utilizes the benefits of cutting the polypropylene sheets on CNC machines and designing accurate 3D SolidWorks drawings. Due to the impervious welding process the construction possibilities are virtually limitless varying from integrated water and foam tanks to flexible capacities of locker space.



Benefits of plastic bodies by ZHT

Lightweight

Body fabricated in polypropylene is much lighter than fiberglass or aluminum body.

Saving fuel costs

Due to lighter body weight the fuel costs are reduced.

Shock resistant

Extremely high shock resistance absorbing impact energy rather than transmitting it to other parts of body.

Chemical and corrosion resistant

Excellent chemical resistance to a wide range of chemicals eliminating corrosion problems. Does not rust, corrode or crack.

Reparability

Easy to repair, can be welded in case of damage.

Long life cycle

Polypropylene bodies do not crack or corrode like metal constructions. The operational life of 40 years exceeds the life cycle of chassis and as such can be re-mounted on a new chassis.

Heat resistant

Polypropylene bodies excel by their body strength resulting in high or low temperature resistance.

100% Recyclable

ZHT material is 100% recyclable.