Reading **9** Read the text and complete the table below.

This racing car is made from the latest hi-tech engineering materials. It's made from metals, alloys, ceramics, plastics and composites. Many materials in the car are light, but very strong.

The nose cone of the vehicle is made of strong, light fibreglass.

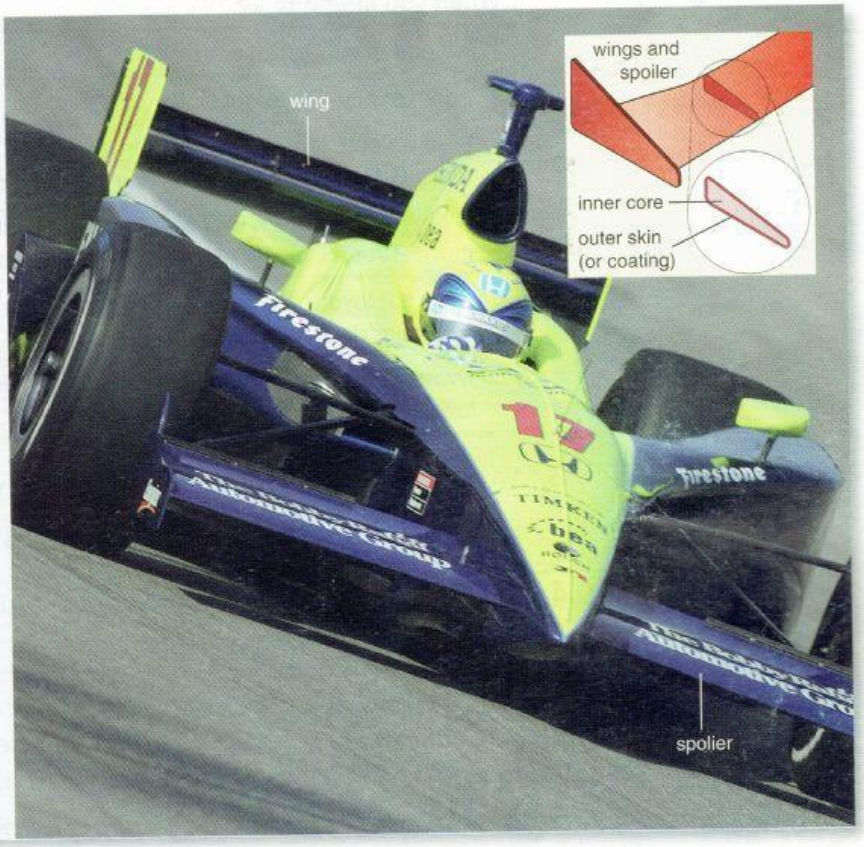
The spoiler and the wings are made from two materials. The inner core is light. It's made of polystyrene. The outer skin is hard and made of fibreglass.

The frame is light, but very tough and rigid. It's made of cromoly, a steel alloy.

The radiator is made of aluminium. The aluminium is coated with ceramic. These two materials are corrosion-resistant.

The engine and pistons are made of a light aluminium alloy. Each piston inside the engine is coated with a heat-resistant ceramic.

The wheels are made of a strong, light aluminium alloy. The tyres are made of a tough rubber composite.



an *alloy* is a mixture of two or more metals
a *composite* is a mixture of two types of material
fibreglass is a composite. It is a mixture of a plastic and a ceramic

BrE *tyre*; AmE *tire*

Part	What's it made of?		What are its properties?
nose cone	(1)		(2)
spoiler and wings	coated with (3)		(4)
wheels	(5)	alloy	(6)
tyres	(7)	composite	(8)
pistons	coated with (9)		(10)
frame	(11)		(12)
radiator	(13)		(14)