

Anatomy of a Rocket

Sc

Is mixed with aluminium to develop aluminium-scandium alloys that make stronger and lighter components, that are more resistant to heat and corrosion

Al

Li

Ti

Aerospace grade aluminium alloys, consisting of **lithium**, **titanium**, and **nickel** are used in structural rocket materials

B

Used in glass coating, the heatshield and optical materials

Cu

Makes up seal materials on windows, conductors and circuit paths

Fe

Ni

Ultra high strength steel and nickel based alloys are used in the engine

Al

Used in fuel for solid fuel rockets