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** Ultra high strength steel and nickel based alloys are used in the engine
- **Ni** Used in fuel for solid fuel rockets

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