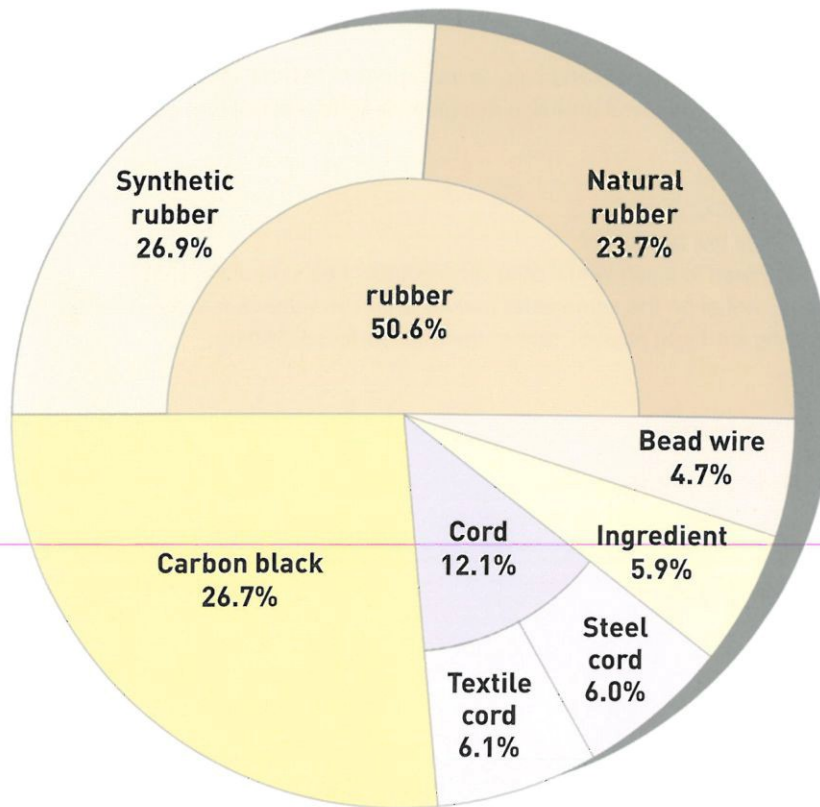


Tyre Materials



Material	Definition
Natural rubber	- Manufactured by hardening the latex which comes from the bark of a tree
Synthetic rubber	- Alternatives to natural rubber - Gives various performance characteristics to create a new elastic composition
Steel cord	- Makes steel belt with topping rubber - Plating steel cord with brass to get adhesion with topping rubber
Textile cord	- Makes body ply, cap ply with topping rubber - Coating textile or nylon with RFL (Resorcinol-Formaldehyde Latex) to get adhesion with topping rubber
Bead wire	- Coating bead wire with copper alloy and tin
Ingredients	- Curing accelerator, vulcanizing agent, softer, anti-oxidant, activator, to give manufacturing and performance characteristic
Filler	- These are within ingredient class but, give special performance like traction, tread wear, rolling resistance to tine