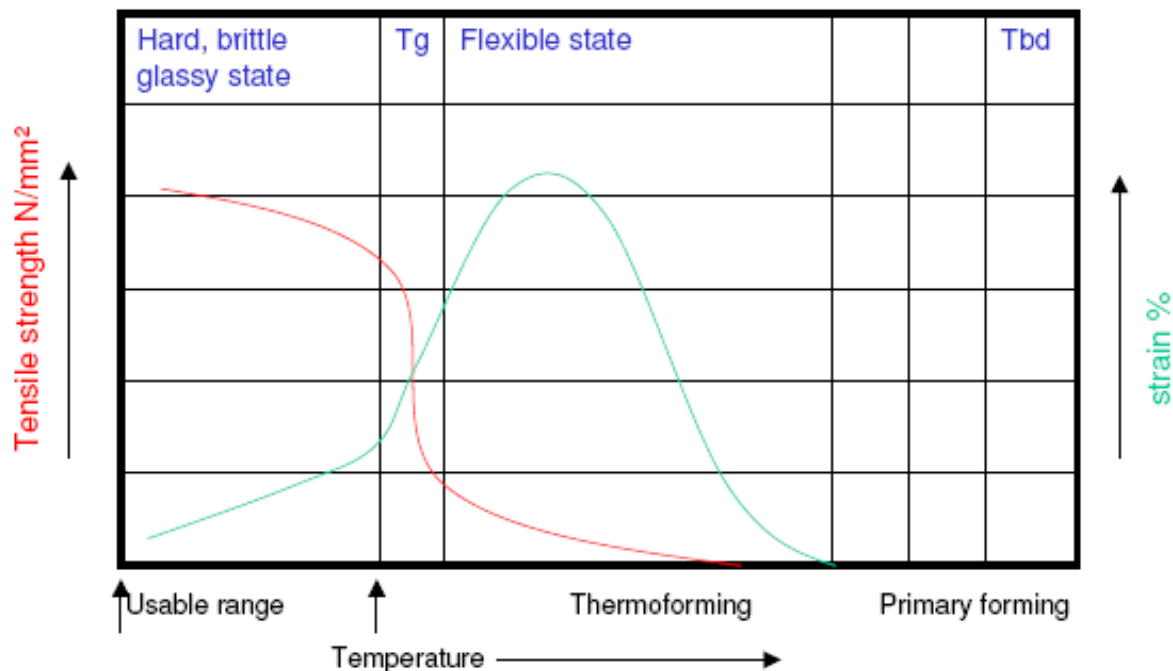
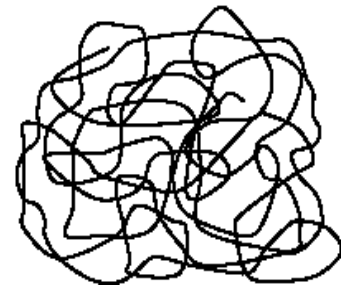


Amorphous Thermoplastic Polymers

The molecules (long chains, often branched) are randomly oriented and intertwined, much like cooked spaghetti. This is called an amorphous structure. Amorphous plastics are transparent and are used in the glassy state, where the chains are essentially frozen.



Tg= glass transition temperature.
Tbd= break down temperature