Applied B1 Keywords

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| **Keyword** | **Definition** |
| Calibration | Compare to an accurate standard |
| Standard | An accurate reference |
| Composite | Made from two or more materials |
| Fibre | Threads of materials |
| Matrix | The solid background material |
| Force | Pull or a push |
| Deform | Change the shape |
| Stiff | Hard to deform |
| Flexible | Easy to deform |
| Elastic | Returns to original shape after deformation |
| Plastic | Does not return to original shape after deformation |
| Strong | Needs a large force before it breaks |
| Weak | Breaks easily |
| Brittle | Snaps cleanly with little force |
| Tough | Not easily broken, resists cracking |
| Tension | Stretching a material |
| Compression | Squashed |
| Extension | Pulled apart |
| Hard | Resists scratches or dents |
| Durable | Resists wear |
| Density | Mass per unit volume |
| Ceramic | Hard in compression, weak in tension |
| Rigid | Stiff and strong |
| Thermal conductivity | Rate at which it transfers heat |