

Material Properties



Do you know the groups of material properties ?

Answer:

1. **mechanical,**
2. **electrical,**
3. **thermal,**
4. **magnetic,**
5. **optical,**
6. **deteriorative.**

What mechanical properties do you know about?

Answer:

1. **UTS**
2. **Yield strength**
3. **Fatigue Strength**
4. **Toughness**
5. **Creep**
6. **Ductility**
7. **Density**

How do you measure and report each of these? What are the units?