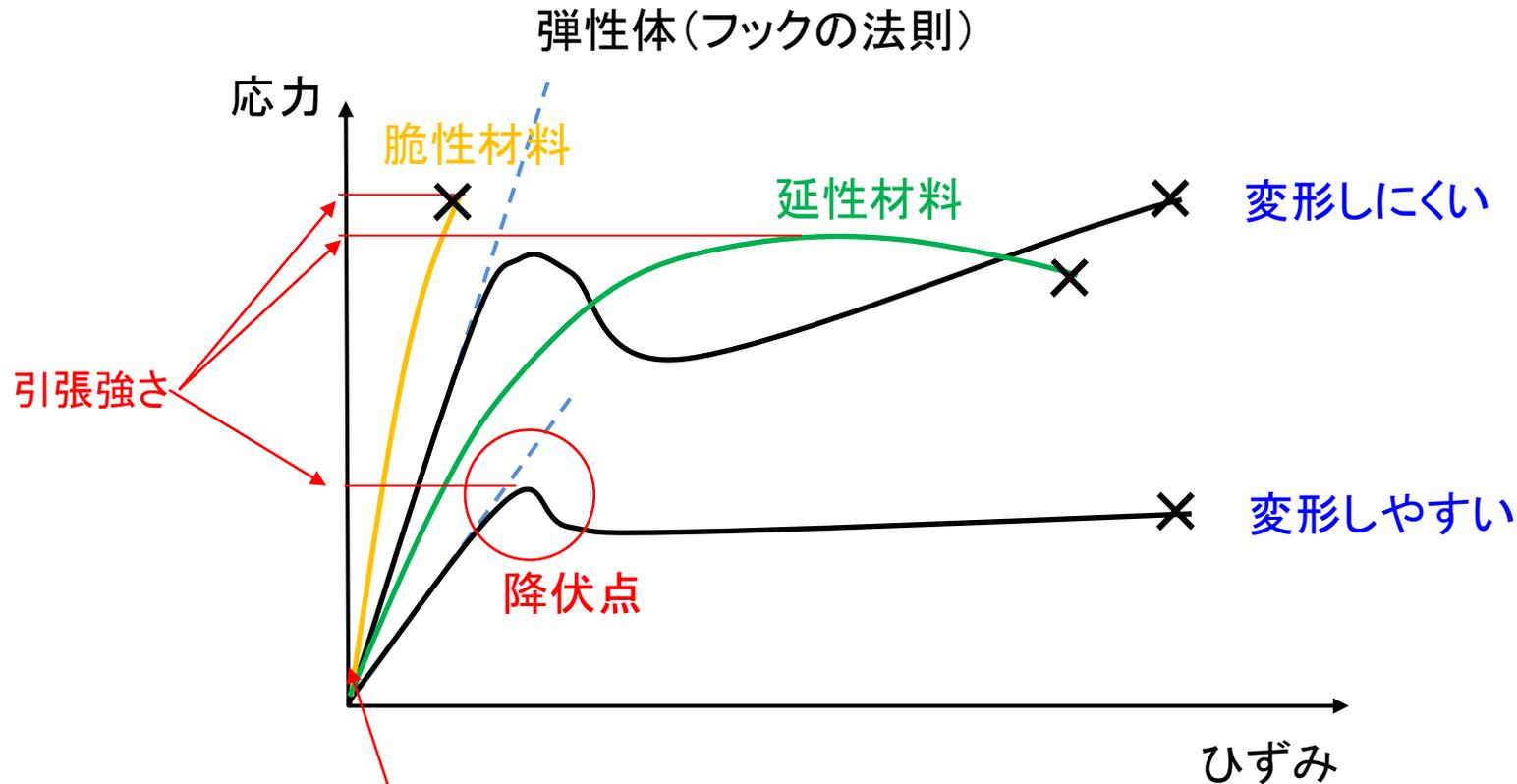
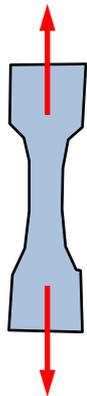
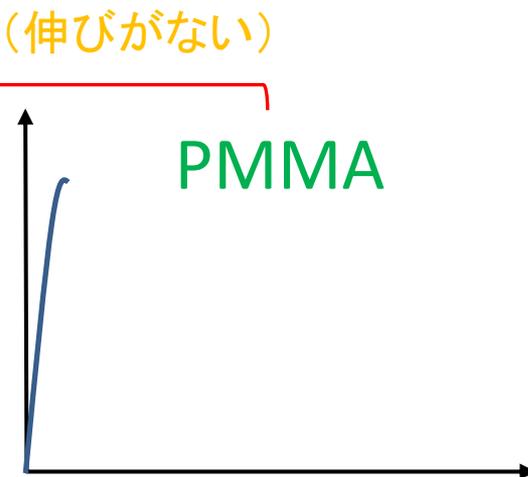
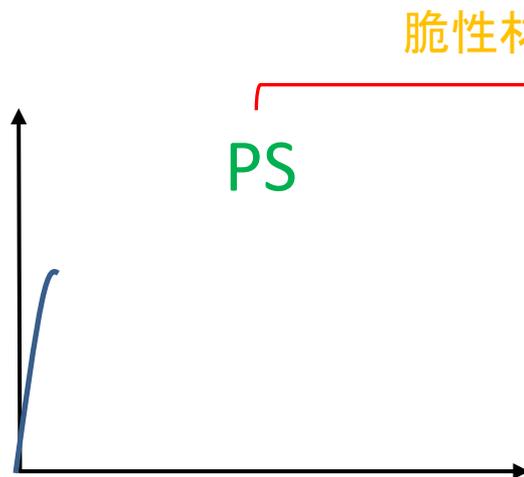
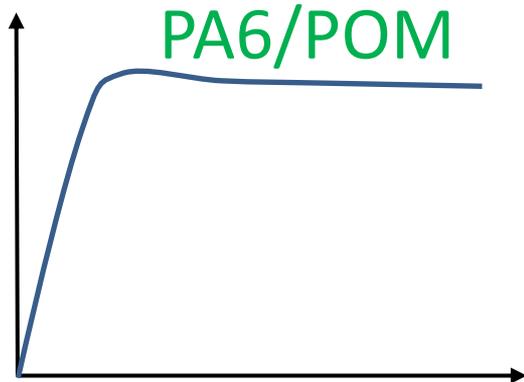
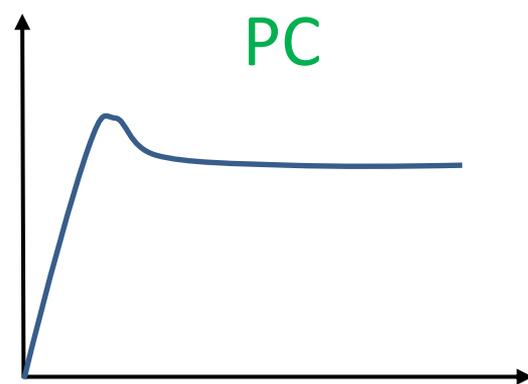
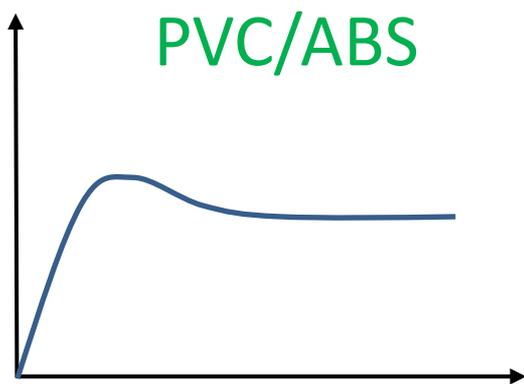
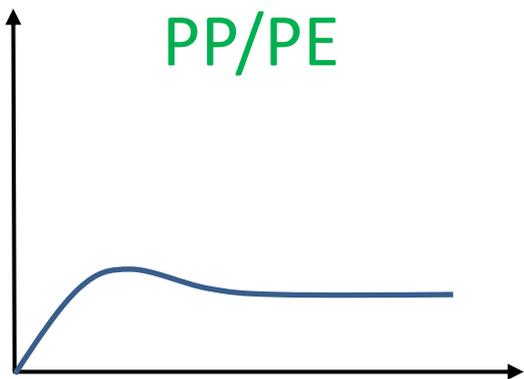


引張



微小変形時の傾き
= **引張弾性率**

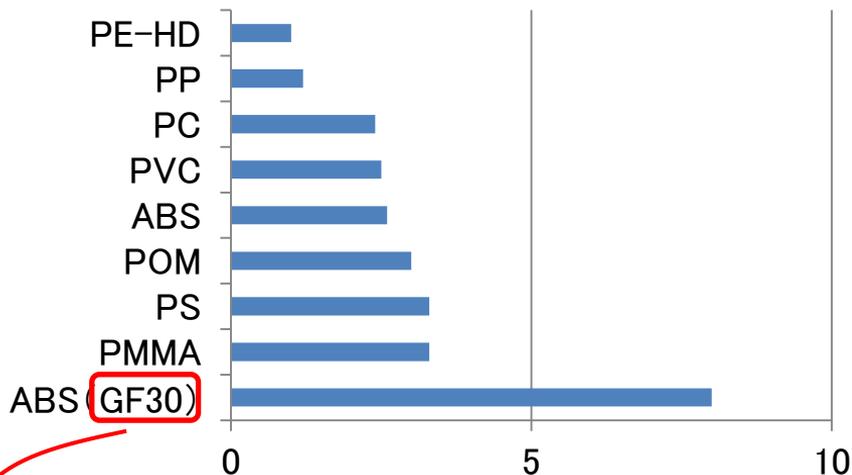
降伏点があるものは最初の最大応力が**引張強さ**



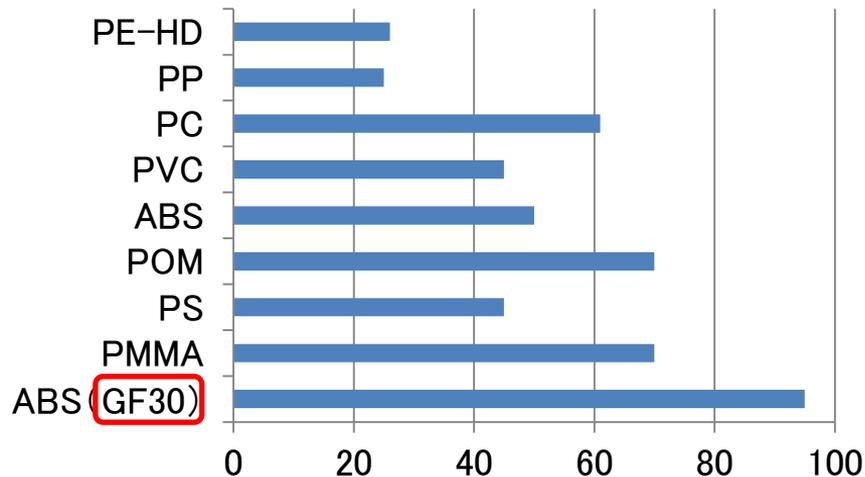
脆性材料(伸びがない)



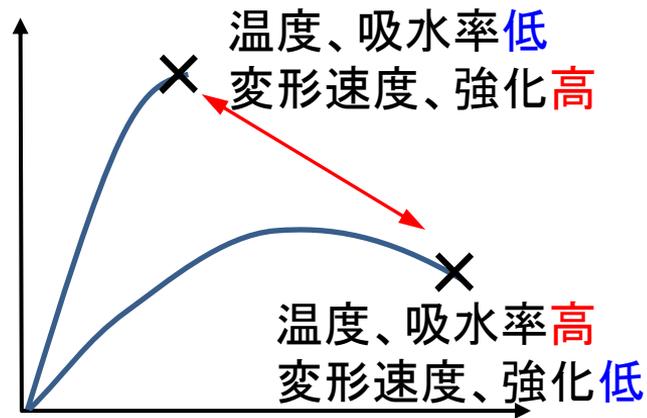
引張弾性率



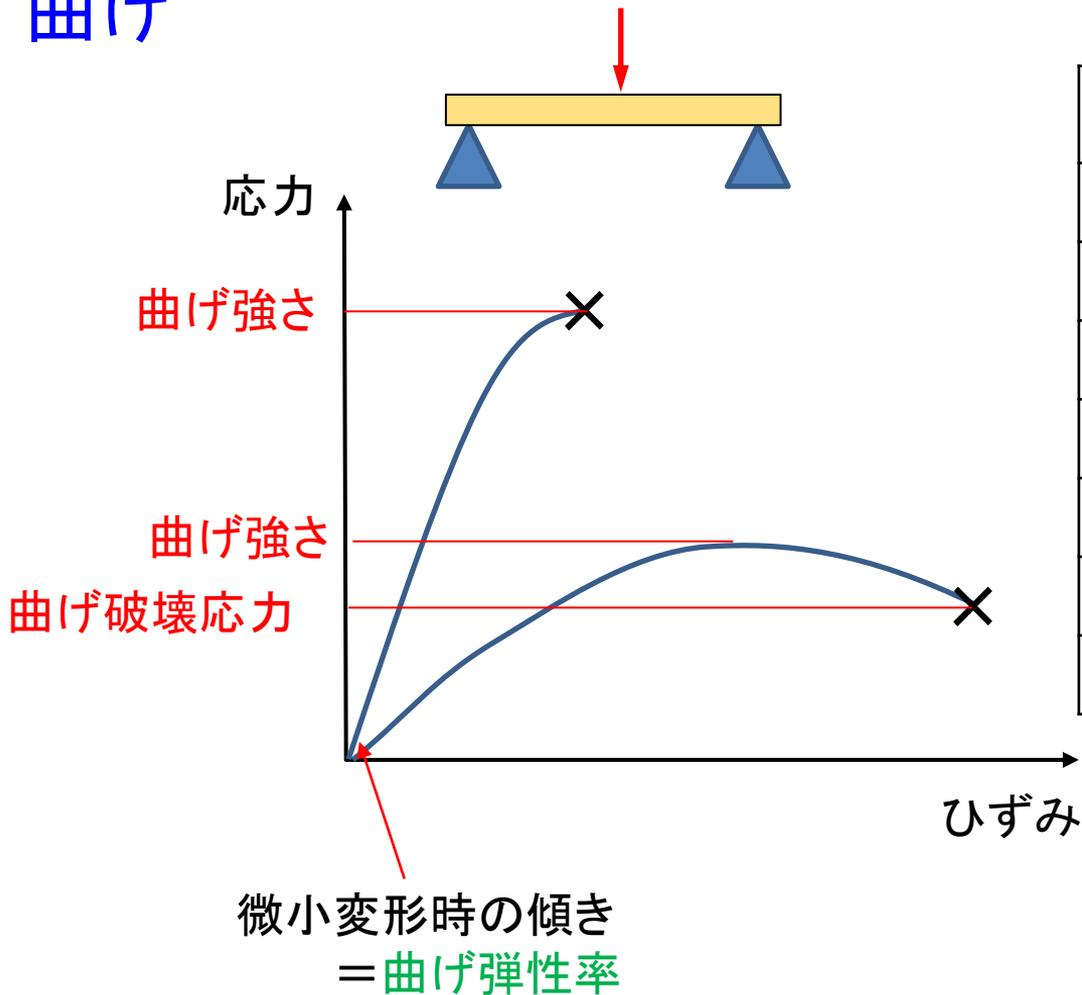
引張強さ



各種条件		引張弾性率	引張強さ	伸び
温度	高	↓	↓	↗
吸水率	高	↓	↓	↗
変形速度	高	↗	↗	↓
強化繊維の配合量	高	↗	↗	↓



曲げ



単位: MPa

	引張 弾性率	曲げ 弾性率	引張 強さ	曲げ 強さ
PP	1600	1500	35	43
PE	1000	1100	24	24
PMMA	3300	3300	67	108
ABS	3050	3000	61	98
PA66	3000	2700	82	113
POM	2350	2200	54	75
PC	2400	2350	61	93

差が小

曲げが
1.5倍程