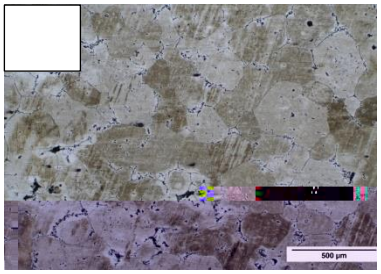
バンドン工科大学（インドネシア）　研修報告書
OM および OES を用いた Al 鋳物の微細構造および機械的特性調査

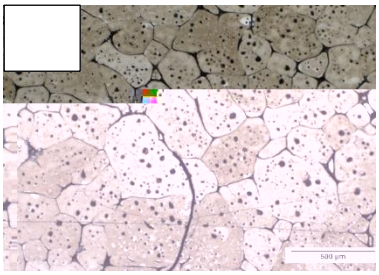
先進理工系科学研究科　機械工学プログラム　柏木　仁志

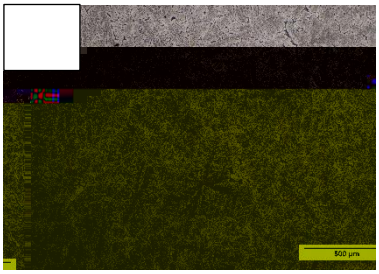
ϕ

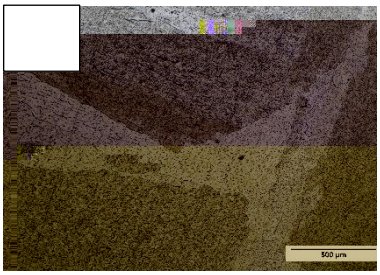
ϕ 23 mm × 40 mm × 100 mm

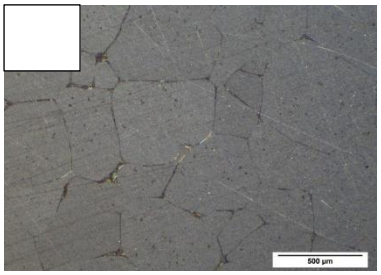
μm μm

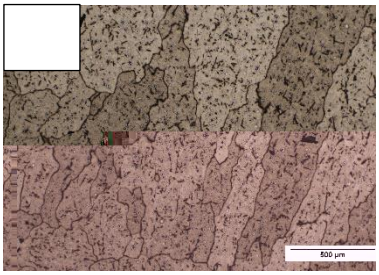


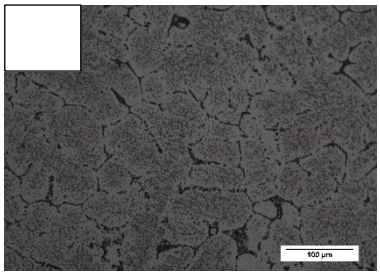


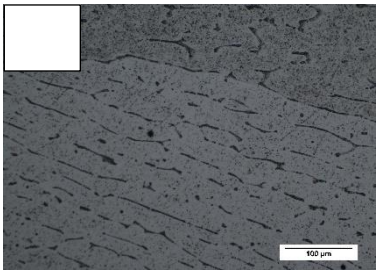


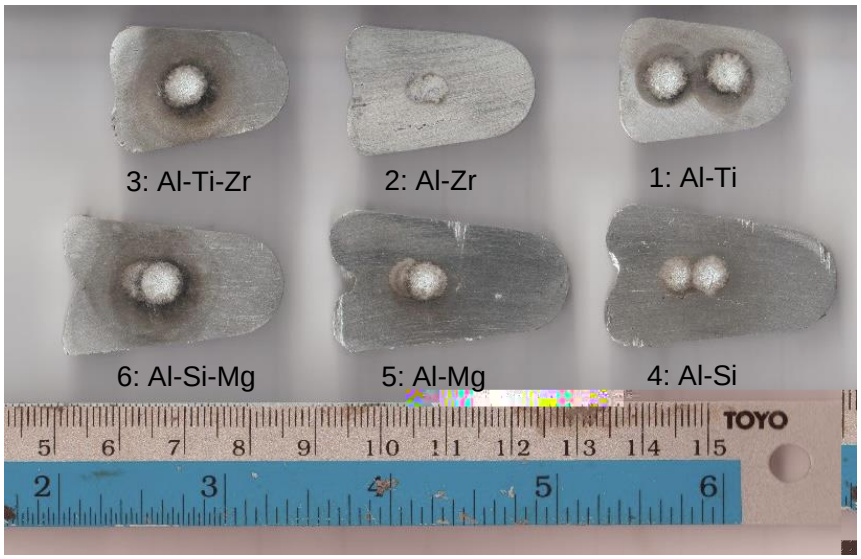
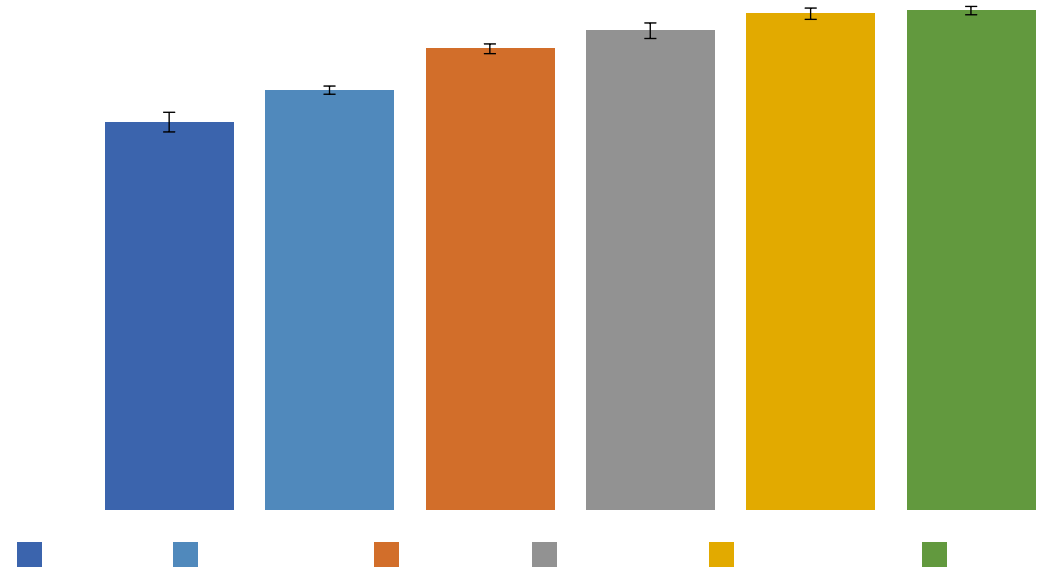











3: Al-Ti-Zr
2: Al-Zr
1: Al-Ti
6: Al-Si-Mg
5: Al-Mg
4: Al-Si
TOYO