

# COLUMNAR TO EQUIAX TRANSITION BY MELT CONDITIONNING

Georges SALLOUM-ABOU-JAOUDE

## Descriptif technique :

Polarised light microscopy image of an anodised 6082 aluminium alloy (2.5x magnification).

## Technique de réalisation :

Columnar to Equiax transition during **Melt Conditioning of Direct Chill Casting (MCDC)**. MCDC induces dramatic changes to the microstructure from CET to extreme reduction in grain size without grain refiner addition.



