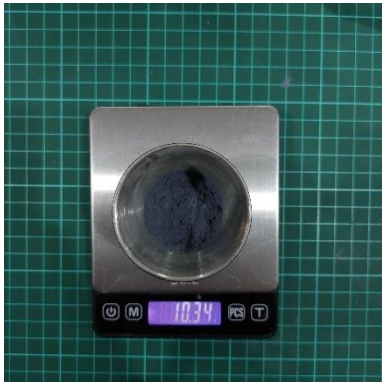
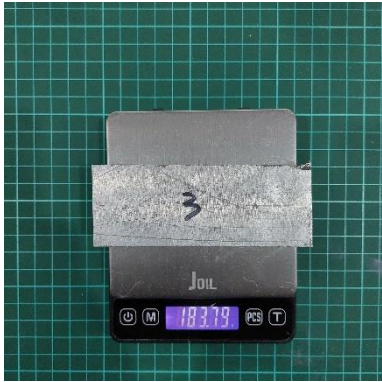
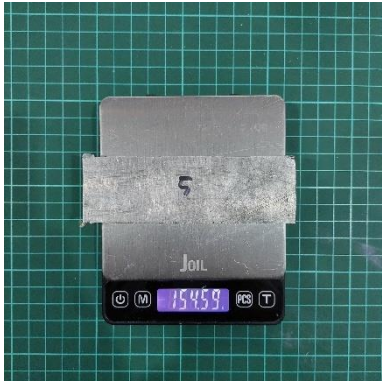


LAMPIRAN

Lampiran 1. Dokumentasi *Stir Casting*





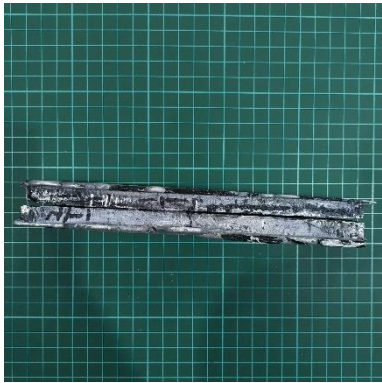






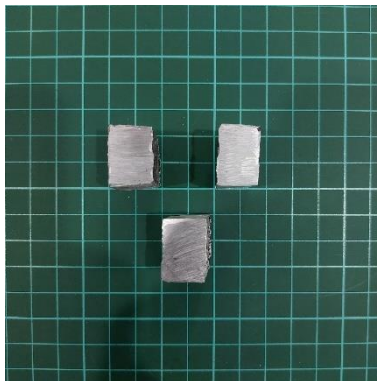
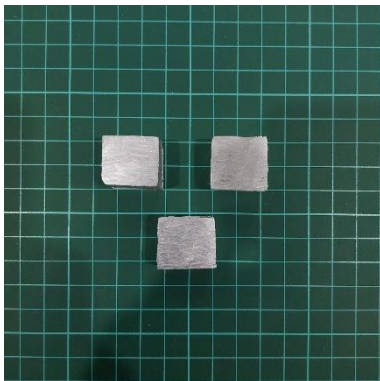
Lampiran 2. Dokumentasi *Thixoforming*

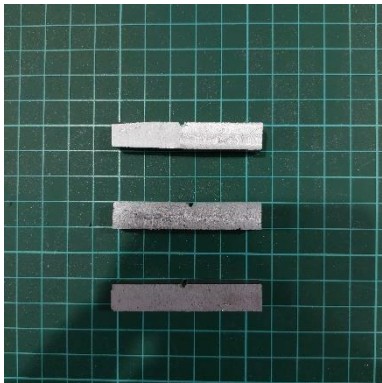


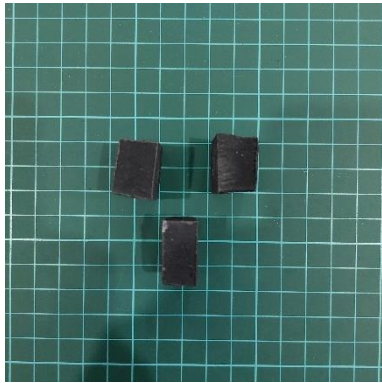
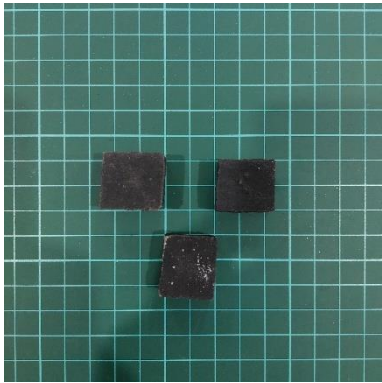


Lampiran 3. Dokumentasi *Precipitation Hardening*

1. *Solutioning Treatment*



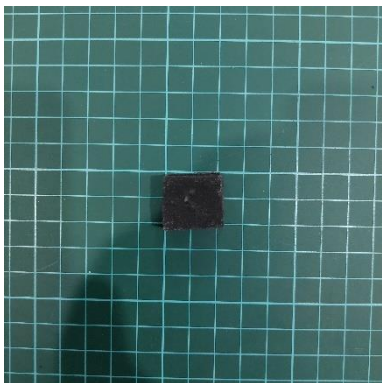
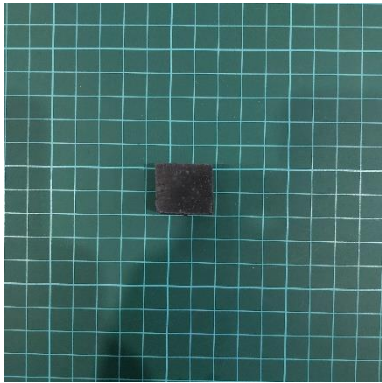
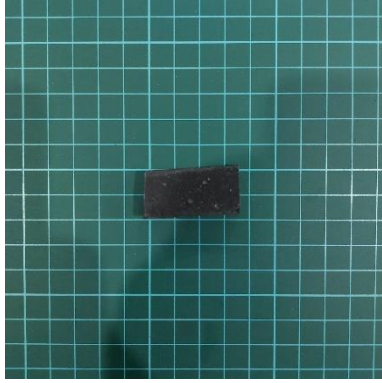
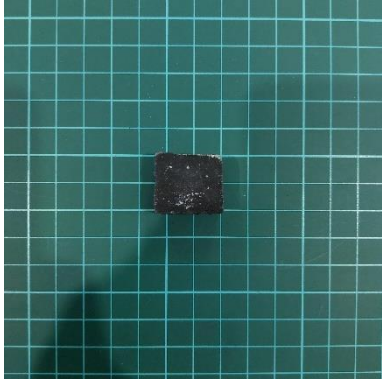






2. *Artificial Aging Treatment* : 1 Jam, 2 Jam, dan 3 Jam

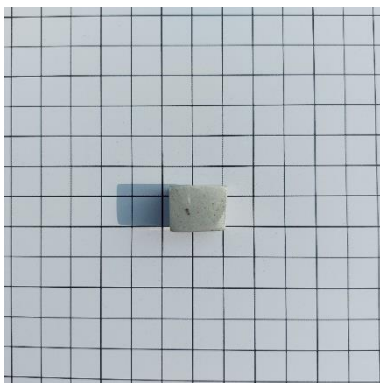
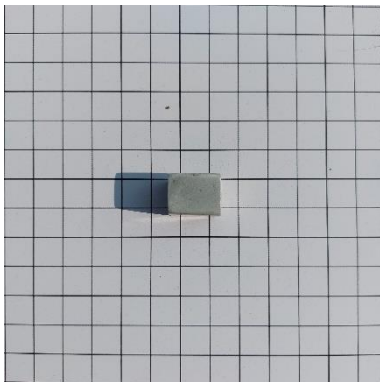
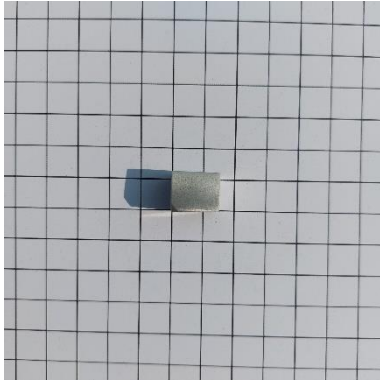




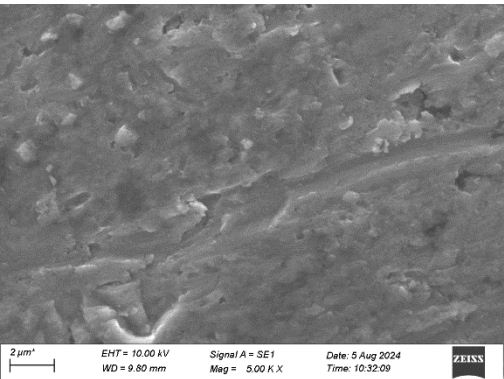
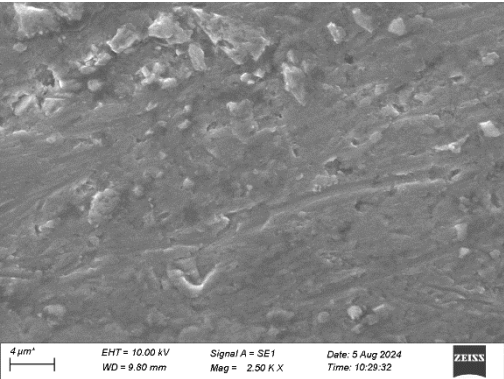
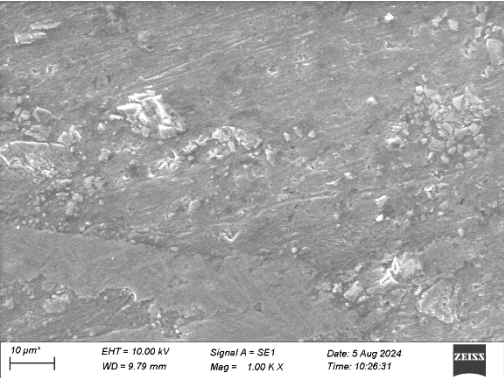
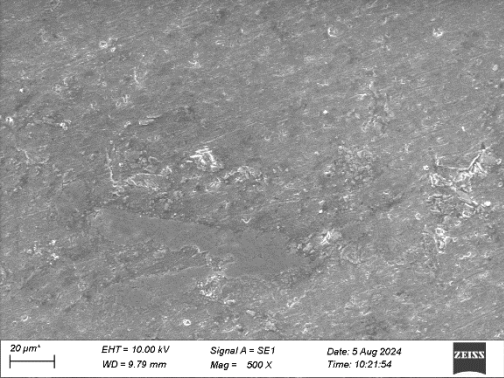


Lampiran 4. Dokumentasi Pengamatan Struktur Mikro

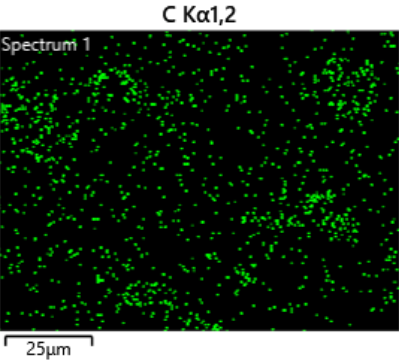
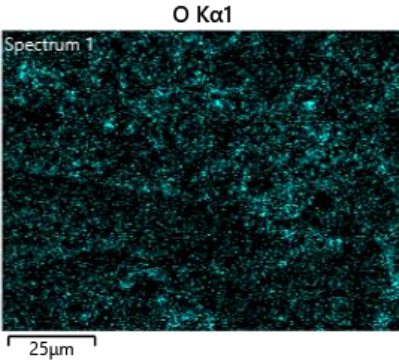
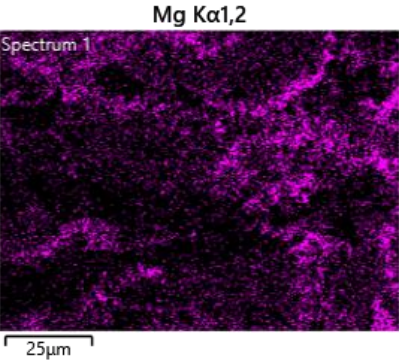
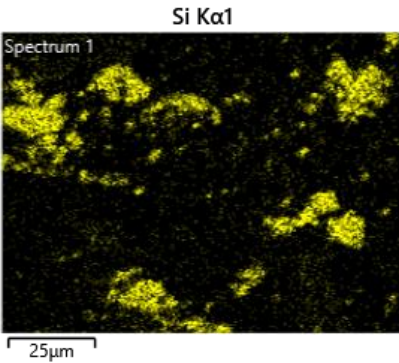
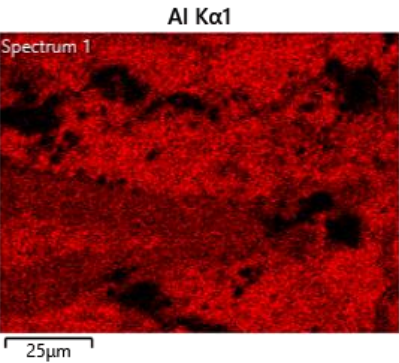
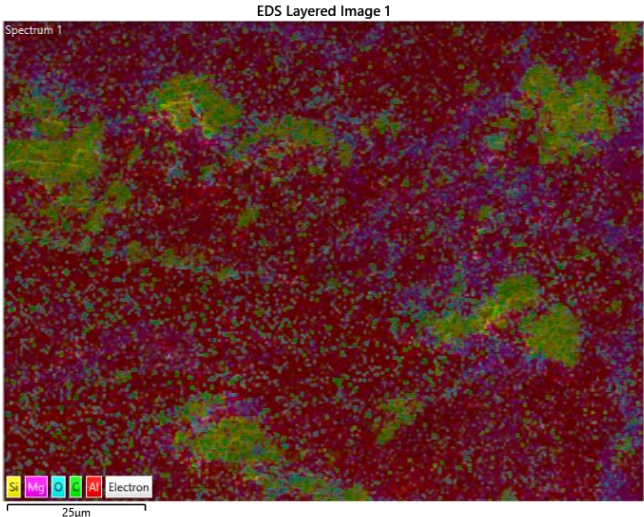
1. Sampel : 1 Jam, 2 Jam, dan 3 Jam



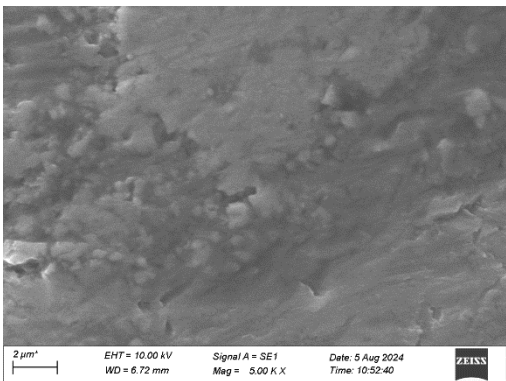
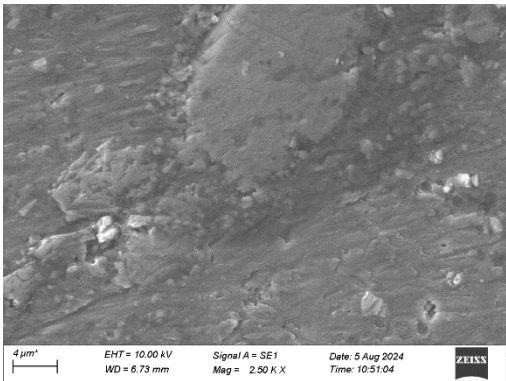
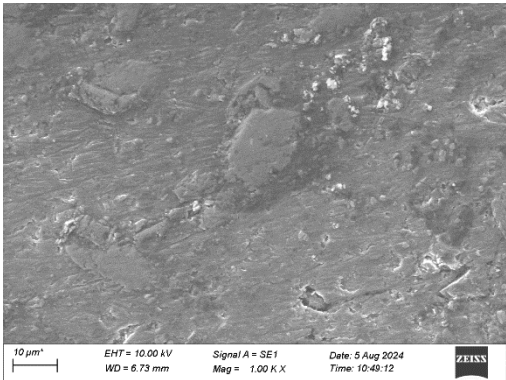
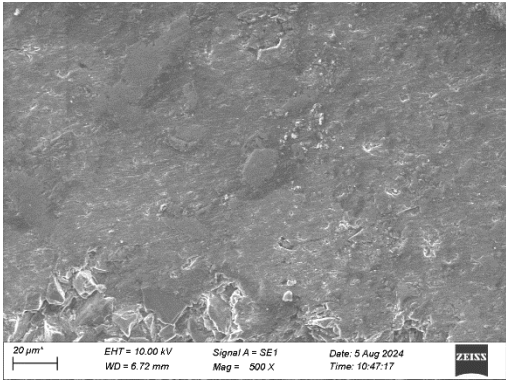
2. SEM 1 Jam



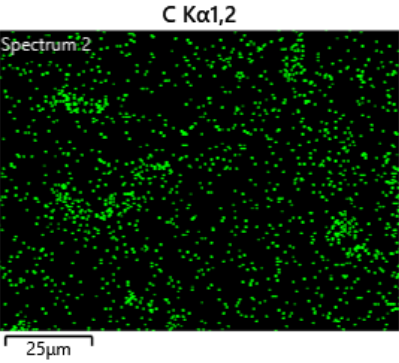
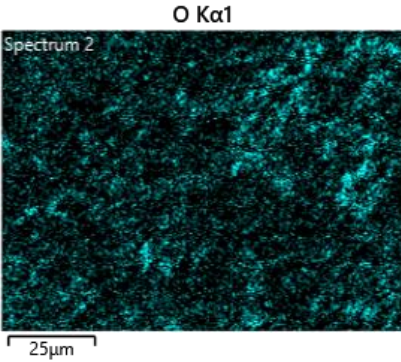
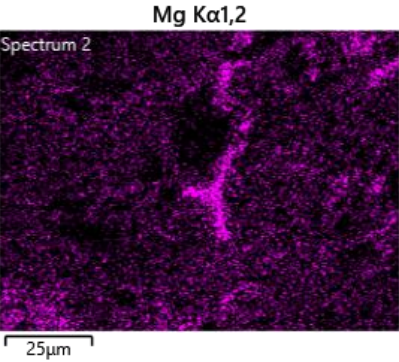
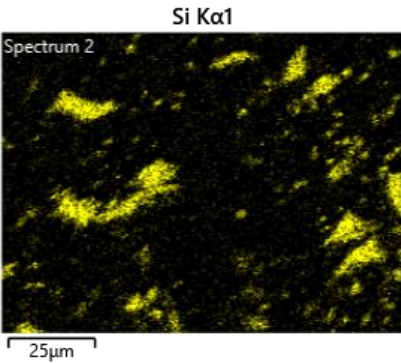
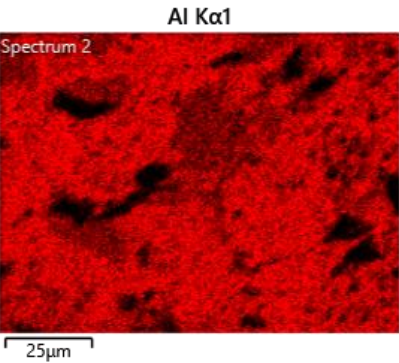
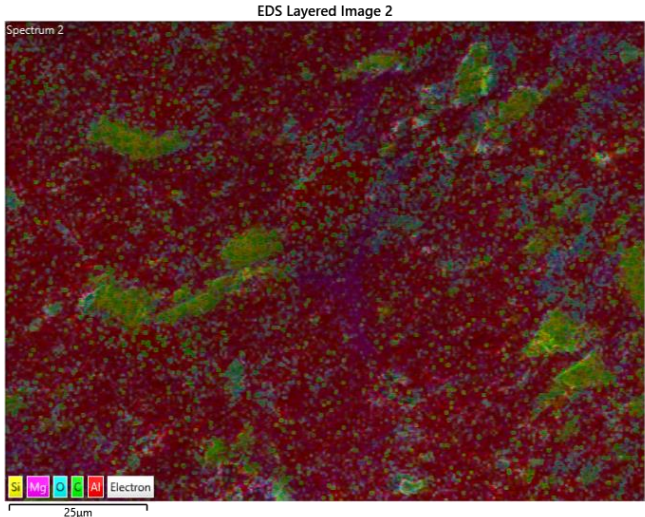
3. EDS 1 Jam



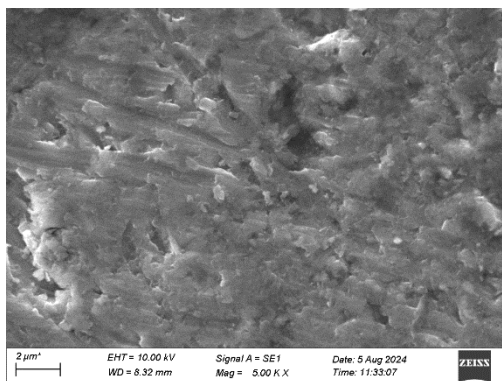
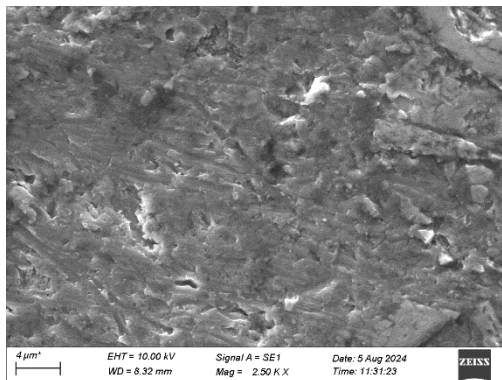
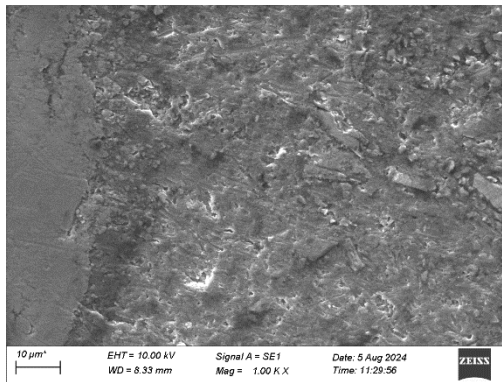
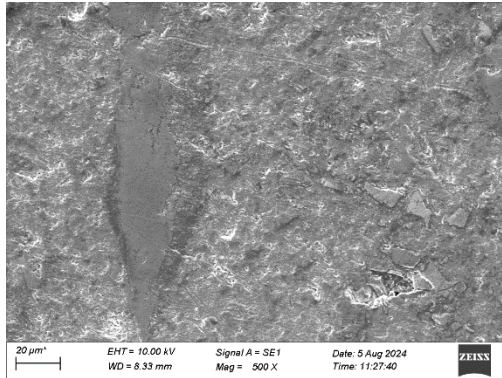
4. SEM 2 Jam



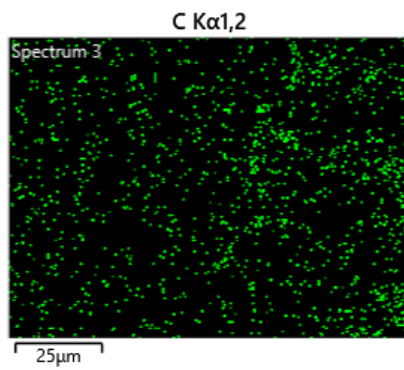
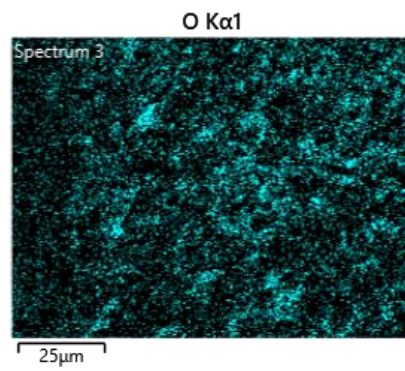
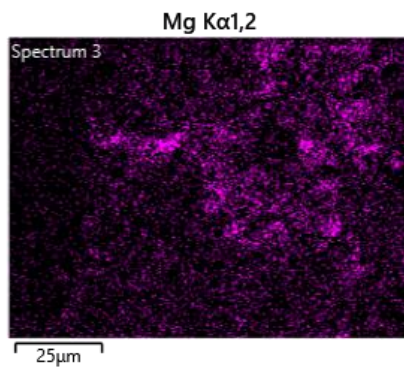
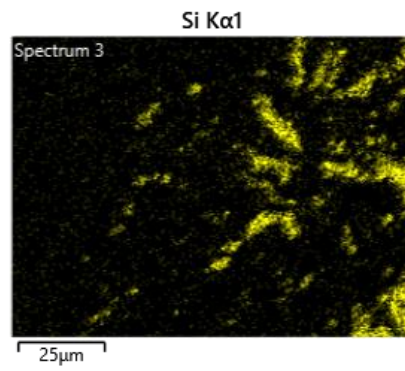
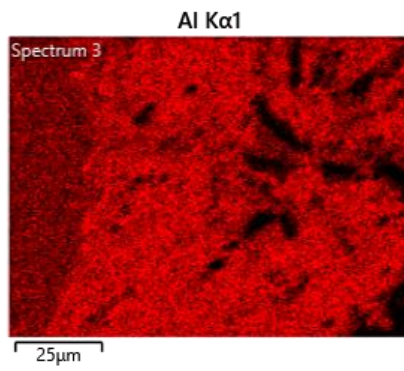
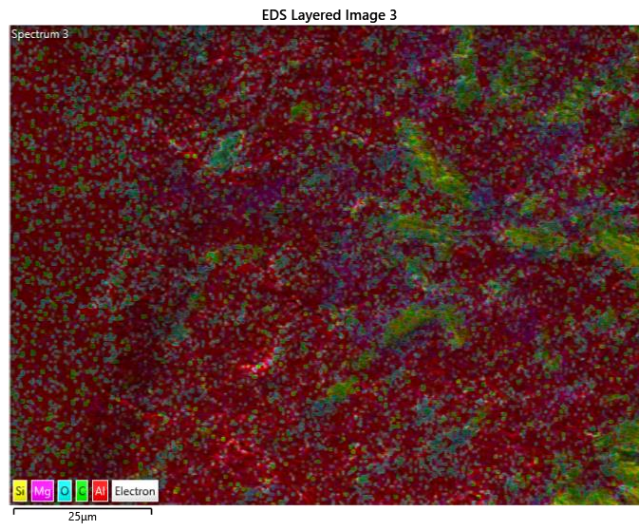
5. EDS 2 Jam



6. SEM 3 Jam

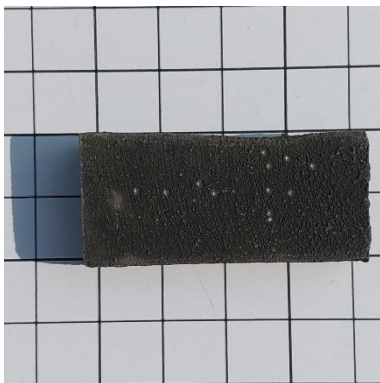
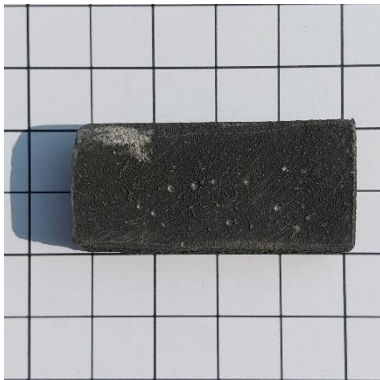
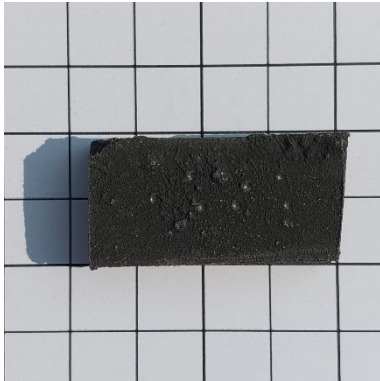


7. EDS 3 Jam



Lampiran 5. Dokumentasi Uji Kekerasan

1. Sampel : 1 Jam, 2 Jam, dan 3 Jam



2. Uji Kekerasan Al 6061 as Cast



3. Uji Kekerasan 1 Jam



4. Uji Kekerasan 2 Jam

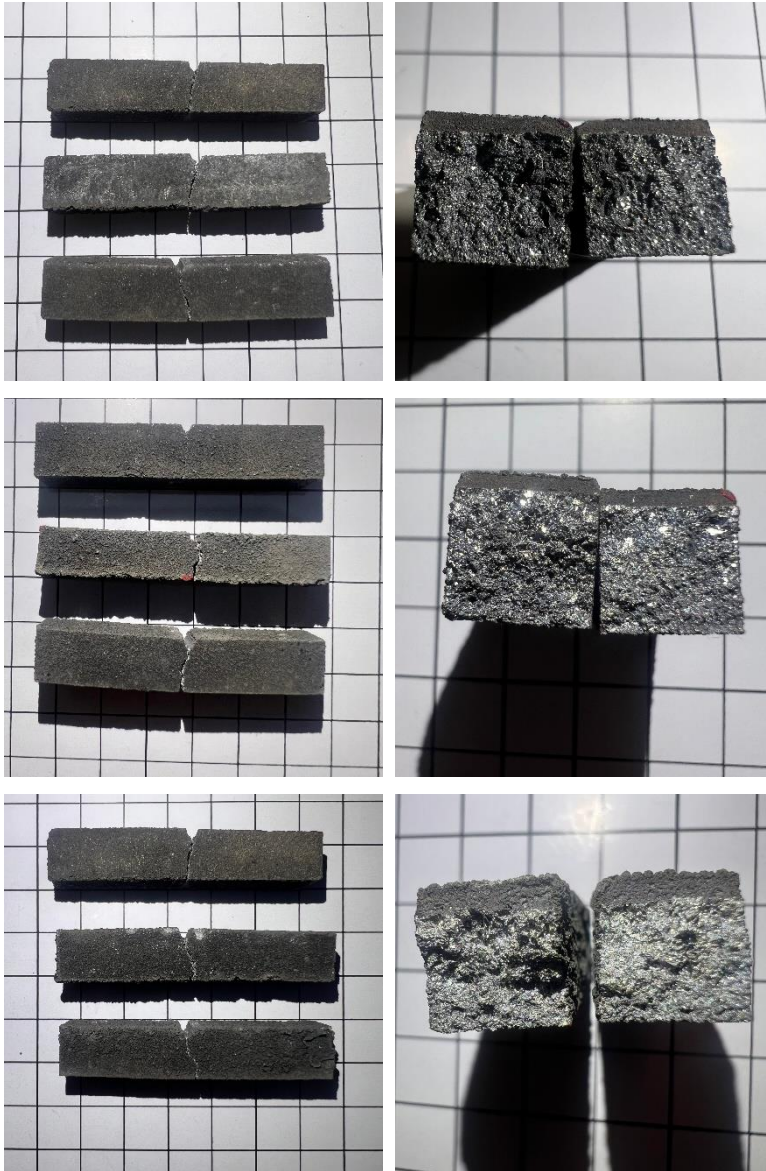


5. Uji Kekerasan 3 Jam

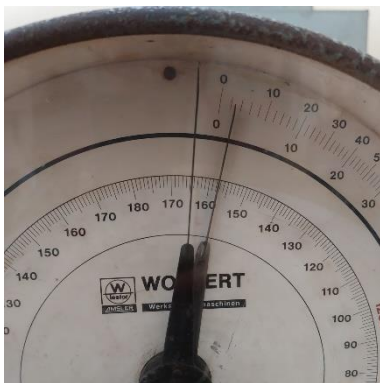
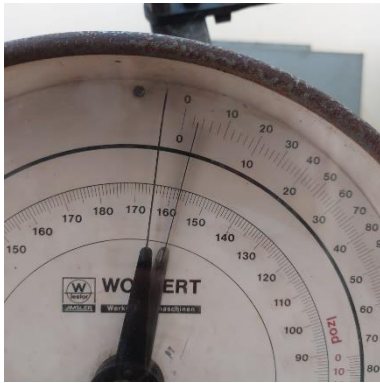


Lampiran 6. Dokumentasi Uji Impak

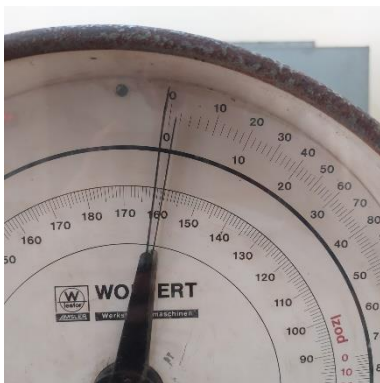
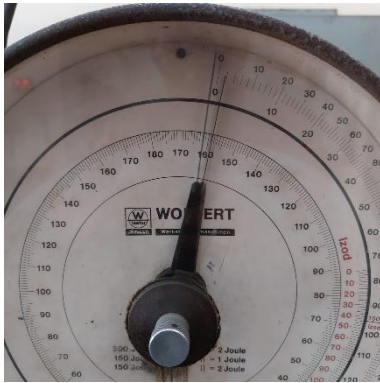
1. Sampel : 1 Jam, 2 Jam, dan 3 Jam



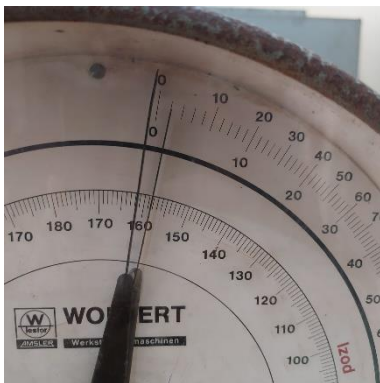
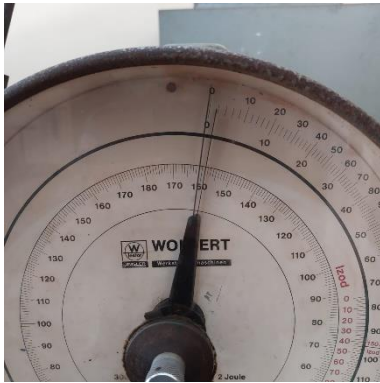
2. Uji Impak Al 6061 as Cast



3. Uji Impak 1 Jam



4. Uji Impak 2 Jam



5. Uji Impak 3 Jam

