Supplementary data

In vitro degradation studies of 3D-printed thermoplastic polyurethane for vascular implant applications

Kim Vanden Broeck[1,2], Marie-Stella M'Bengue[1,2], Thomas Mesnard[1,3], Mickaël Maton[1], Nicolas Tabary[2], Jonathan Sobocinski[1,3], Bernard Martel[2], Nicolas Blanchemain[1]

[1]Univ. Lille, INSERM, CHU Lille, U1008 – ADDS, F-59000 Lille, France
[2]Univ. Lille, CNRS, INRAE, Centrale Lille, UMR 8207—UMET—Unité Matériaux et Transformations, F-59000 Lille, France
[3]Institut Coeur Poumon, Regional Hospital Center University of Lille (CHRU Lille), 2 Avenue Oscar Lambret, F-59000 Lille, France

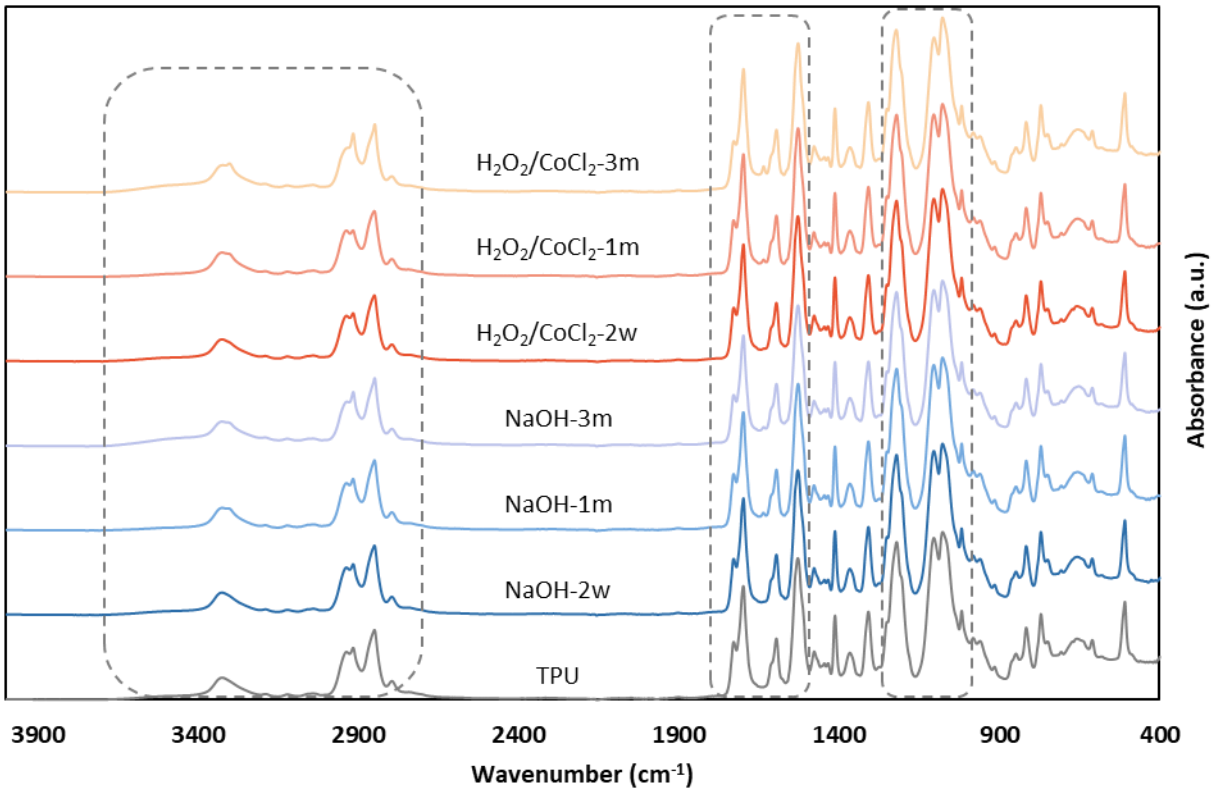


Figure S1. ATR-FTIR spectra of PTU and aged samples from 400 to 4000 cm^{-1}

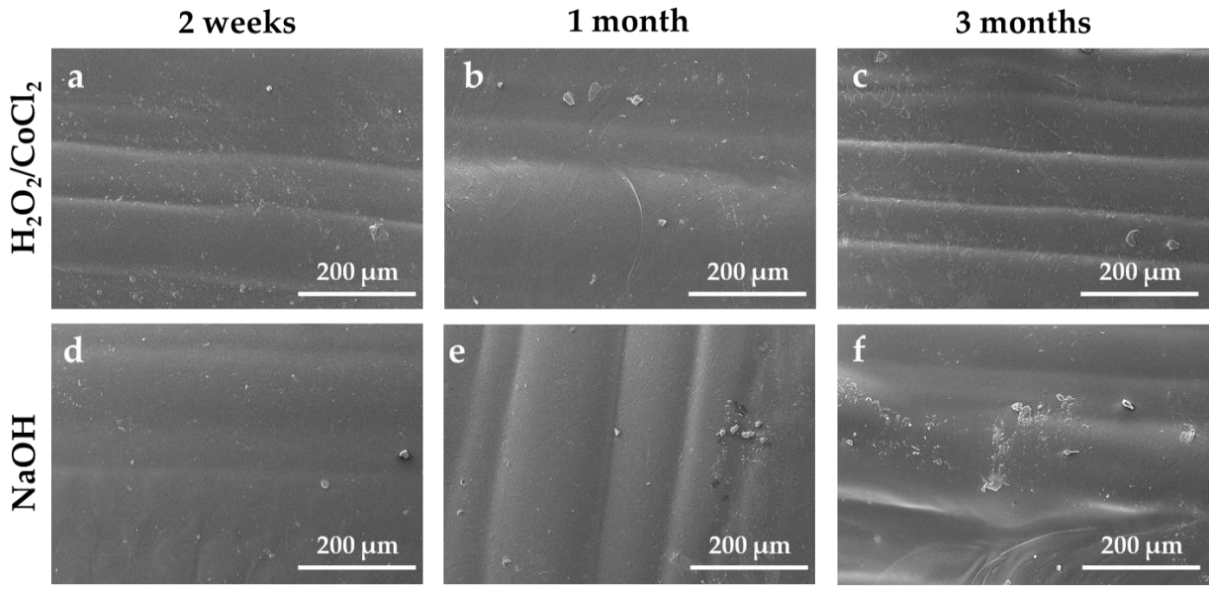


Figure S2. SEM images of the evolution of the EBS migration on aged sample in (a-c) oxidizing and (d-e) hydrolytic conditions

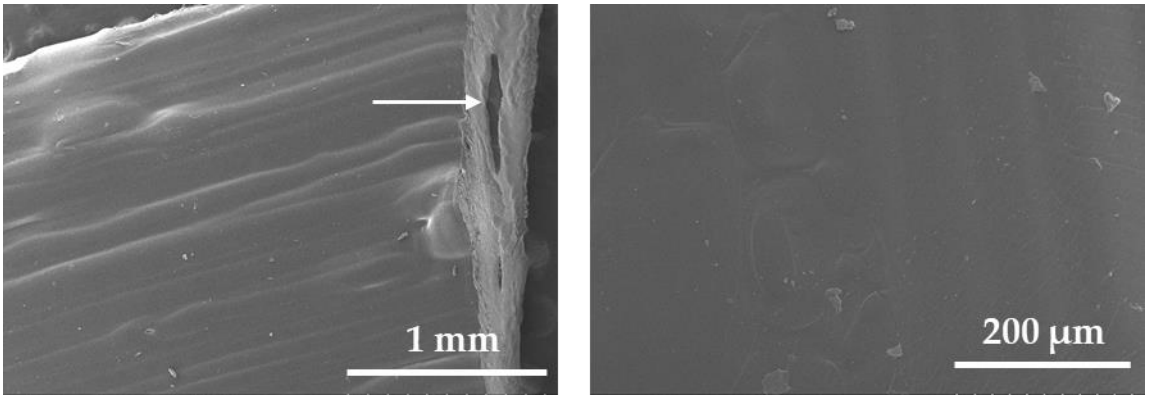


Figure S3. SEM images of unaged TPU