

Supplementary Information

Three-dimensional Structured PLCL/ADM Bioactive Aerogel for Rapid Repair of Full-thickness Skin Defects

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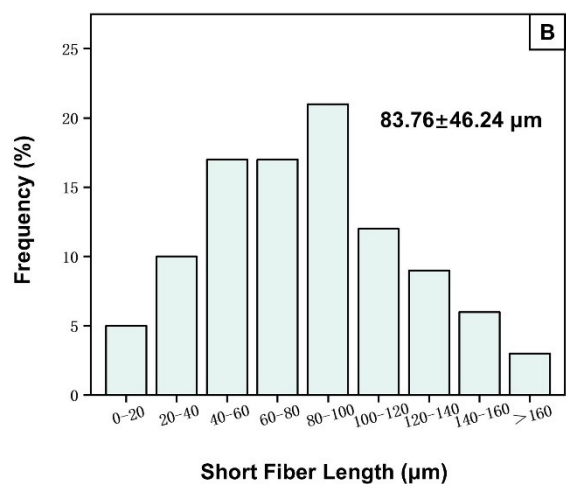
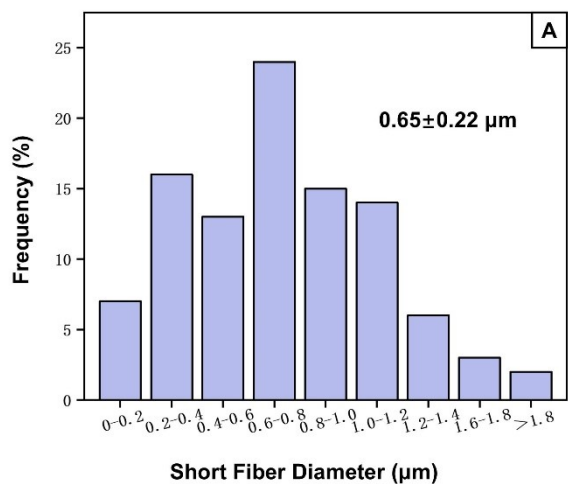


Figure S1. (A) The PLCL/ADM short fibers' diameter distribution chart. The average diameter is denoted in the figure. (B) The PLCL/ADM short fibers' length distribution chart. The average diameter is denoted in the figure.

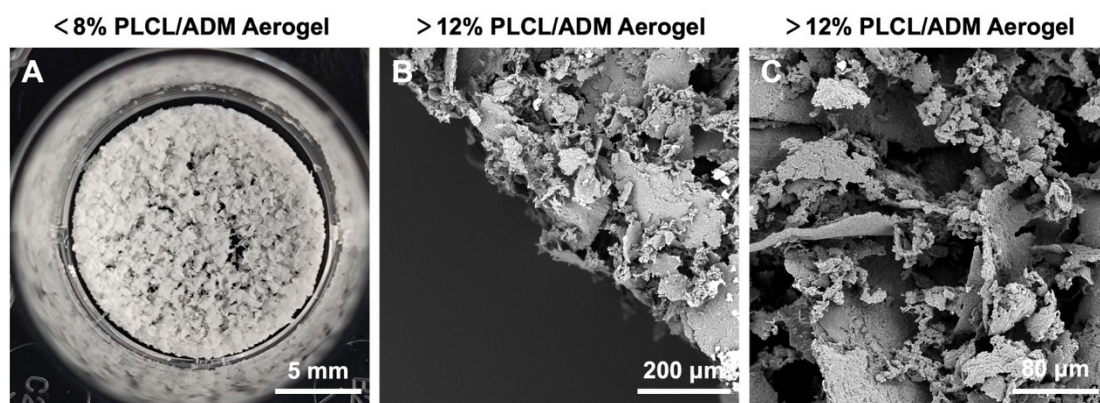


Figure S2. (A) Digital image of the sample after freeze-drying in the mold when the homogenization concentration is below 8%. Stable cross-linkage between nanofibers cannot be formed automatically. (B, C) SEM images of the sample when the homogenization concentration is higher than 12%. The nanofiber scaffold could not be homogenized to homogeneous single fibers.

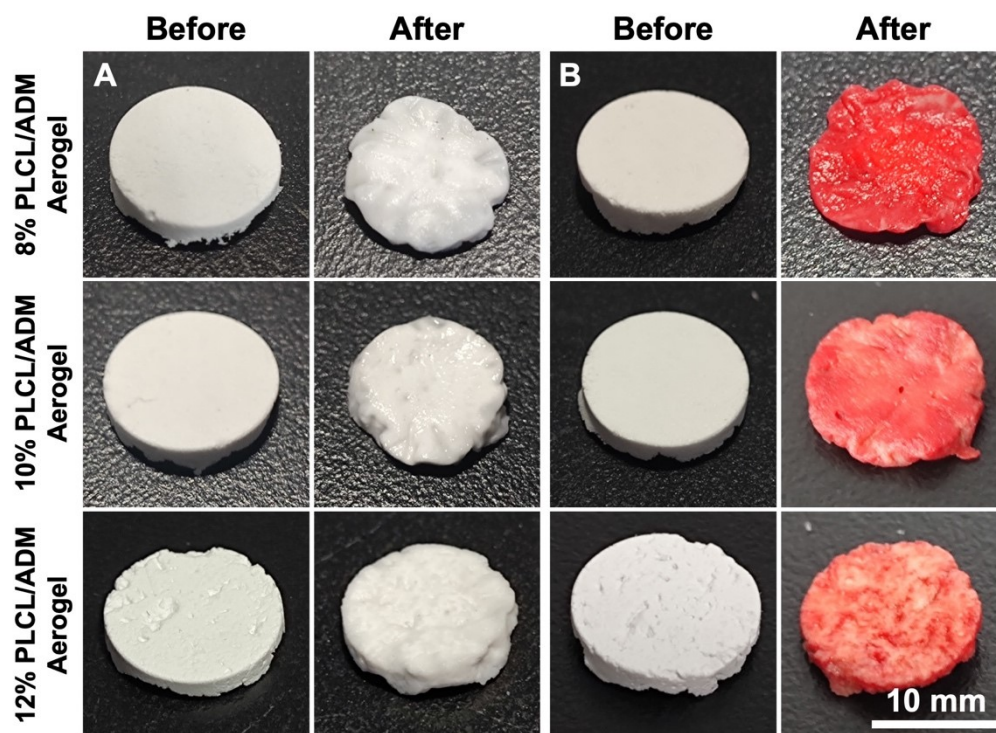


Figure S3. (A) Digital images of aerogels before and after water absorption tests. (B) Digital images of aerogels before and after blood absorption tests.