## NuCycl<sup>™</sup> by Evrnu<sup>®</sup> Technical Summary



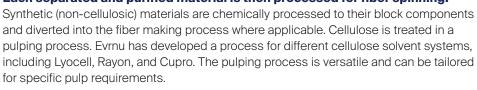




**Evrnu has developed multiple cleaning and separation processes to prepare material for fiber production.** The separation process is a multistage system designed to separate each material, while preserving the quality of the textile materials. The implementation of these are based on the starting condition of the sorted material streams and a system is setup for each blend. This process can include removal of contaminants such as metals and dyes, liquid separation where one or more material is dissolved, and depolymerization when necessary.



## Each separated and purified material is then processed for fiber spinning.





**Evrnu pulp and the other materials separated using Evrnu technology can be used in various types of fiber.** The quality of the material allows Evrnu fiber to replace existing product fiber with equal or improved performance. The current fiber portfolio include cellulose (lyocell), polyester, and recoverable elastane. Evrnu technology can also be used to make specialty fibers including microfiber and carbon fiber.



