



## The Green Method for Recycling Polylactic Acid Made Products under Ultrasonication Conditions

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As polylactic acid products are produced, the number of PLA products that have fallen out of use and require recycling or re-use is expected to increase. It was found that the use of ultrasonic exposure allows to dissolve PLA and products based on it 5-10 times faster in various solvents at room temperature, which allows 100% regeneration of PLA and other useful components much faster than in the previously described convective methods.



The developed method fully complies with the principles of the "green chemistry" concept and is highly effective.

### References

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