

Supporting Information

A novel and efficient approach to obtain lignin-based polyols with potential industrial application

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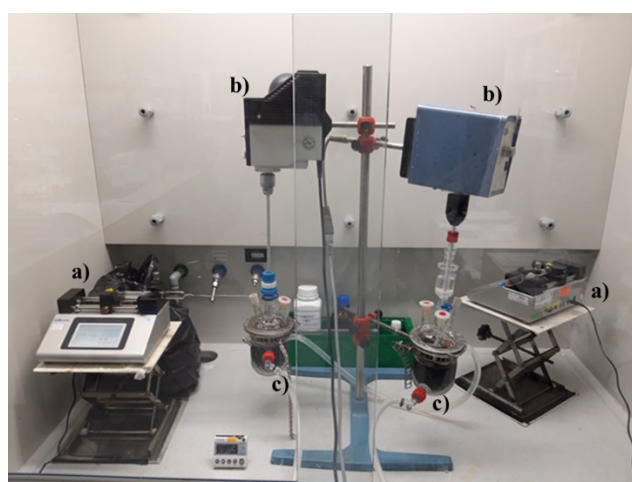
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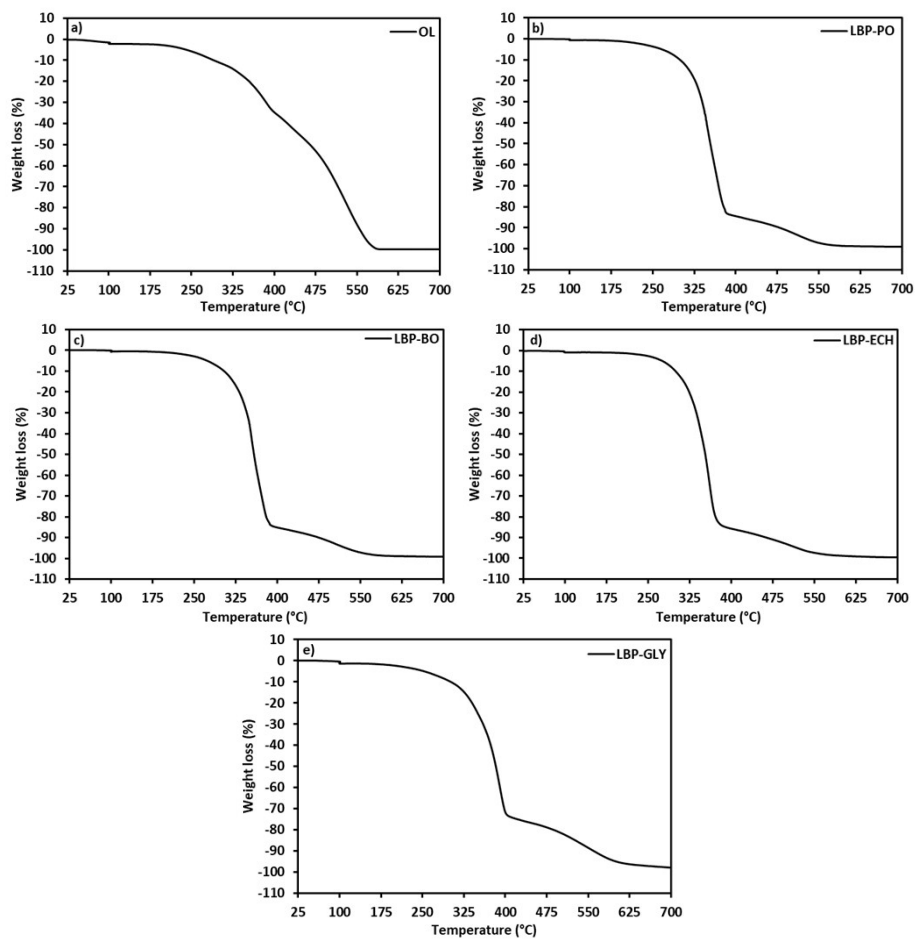
S1. Set-up for the synthesis of LBPs

S2. TGAs profiles of organosolv lignin and prepared LBPs

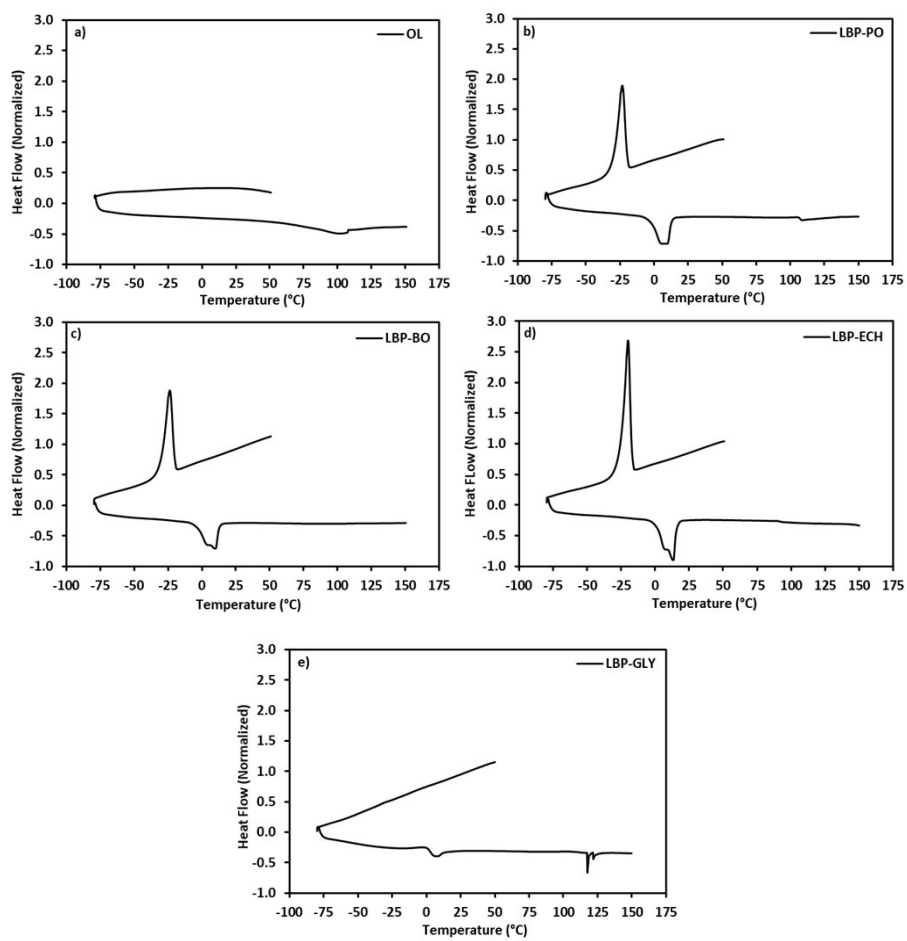
S3. DSCs profiles of the organosolv lignin and the prepared LBPs



S1. Set-up of the synthesis of LBPs, a) pump syringe for oxirane addition, b) mechanical stirrer and c) glass reactor.



S2. TGA profiles: a) OL, b) LBP-PO, c) LBP-BO, d) LBP-ECH, and e) LBP-GLY



S3. DSC profiles: a) OL, b) LBP-PO, c) LBP-BO, d) LBP-ECH, and e) LBP-GLY