

PYROLYTIC LIGNIN AND SUGAR FEEDSTOCKS FOR BIO-BASED PRODUCTS AND MATERIALS

BTG Biomass Technology Group have developed new feedstocks for bio-based products: pyrolytic sugars, pyrolytic lignin and extractives. The current focus of the sugars is in the production of sand moulding resins and modified wood. Pyrolytic lignin can be used as a raw material in the production of renewable bitumen, in various resins (as a replacement of fossil phenol) or bio-based paints. The extractives are a raw material for specialty chemicals, analogous to “pine chemicals” and similar in nature to tall-oil liquids, and could likely be used as co-feed to produce diesel like products by HDO.



DID YOU KNOW?

The feedstocks are new ingredients for bio-based products, derived from a unique biorefinery process developed by BTG. They can help replace fossil based raw materials, or increase the sustainability of renewable chemicals based on feedstock sourced outside Europe.



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