

ABSTRACT

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„Since the first announcements of chemical recyclers being able to use a variety of feedstocks, the industry has developed and each technology (from pyrolysis over solvolysis to gasification technologies) has developed clearly defined specifications that have to be met. Although there are similarities in allowed impurities per technology group, it is vital to understand the feedstock requirements of a chemical recycling process from a mechanical and chemical perspective to secure a stable production in the future. Furthermore, recent developments on physical requirements of feedstock in the market have created demand for materials which have not been proactively looked for by chemical recyclers a few years ago.“