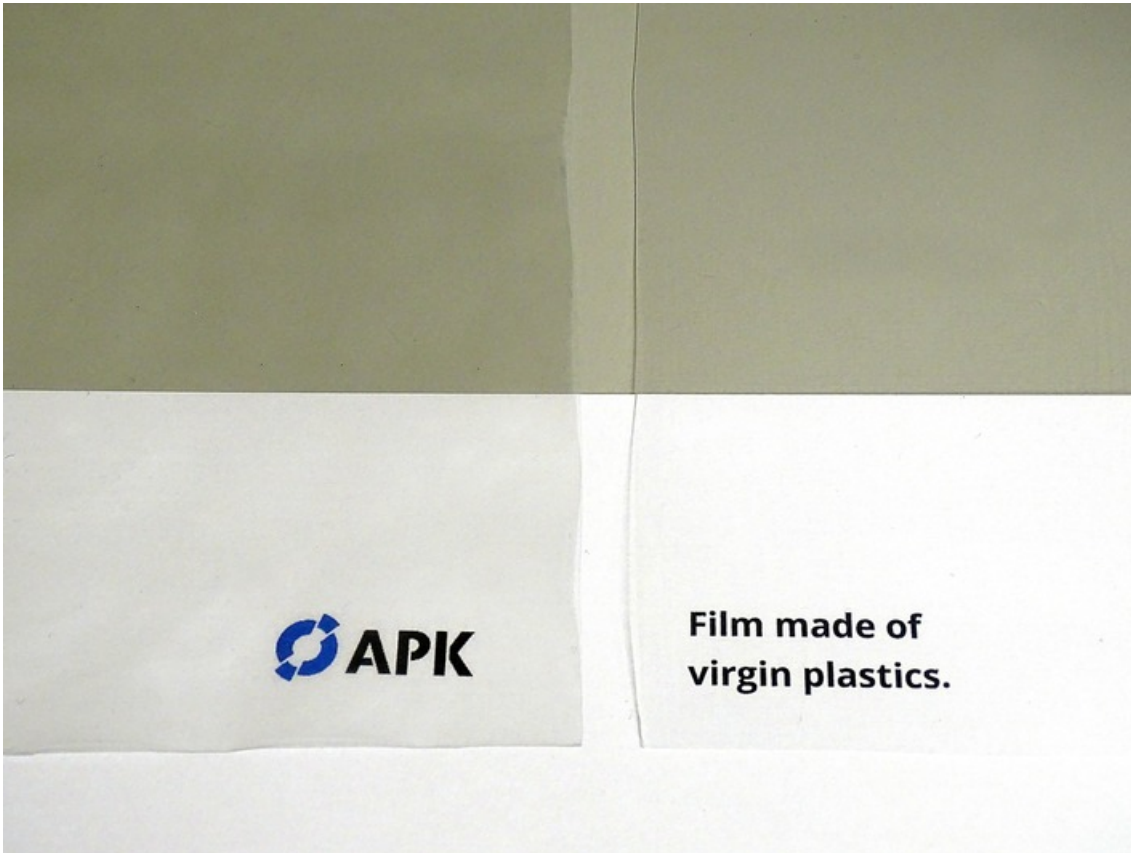


16.12.2021 – 11:30 Uhr

Grey was yesterday: APK AG presents fully decolourised plastic recyclates - Newcycling® of post-consumer waste proven successful on an industrial scale



Merseburg (ots) -

The crowning achievement for any recycling company is obtaining pure plastic recyclates from mixed consumer waste. "2021 was a milestone year for APK AG. We were able to prove that our Newcycling®-technology can successfully recycle household plastic waste, and do so on an industrial scale. We were able to fully achieve the ambitious goals we had set for scaling and decolourisation", declares Klaus Wohnig, CEO of APK AG.

Over the course of 2021, APK implemented an industrial-scale production campaign in several phases at its Merseburg recycling plant. The input material used for the 'post-consumer Newcycling® campaign' was film waste from household collections. "Our hard work has paid off in full", states Dr Jürgen Flesch, APK board member who oversees production and technology. "We were able to obtain a light-coloured LDPE-recyclate from mixed, flexible household waste, which was then processed into a film". The analysis of the material obtained revealed excellent colour and transparency values. "The L value of our 'campaign film' is close to that of films produced from virgin plastics".

Recycled plastics are in greater demand than ever – especially in the packaging segment – and the quality requirements for them are markedly increasing. "Proof of concept is an important step on our pathway to building new Newcycling® plants", explains Maik Pusch, Director of Corporate Development at APK AG. APK is ambitiously moving forward with its expansion and, together with initial partners in the plastics value chain, is planning to set up several new plants over the coming years.

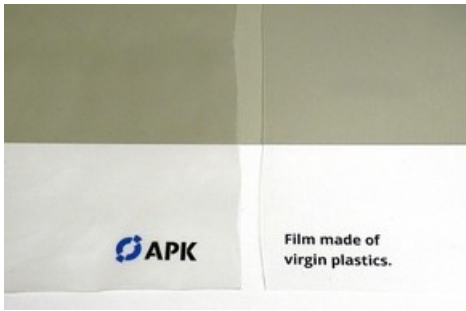
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Follow us on Twitter: https://twitter.com/apk_ag

Our Newcycling® videos on YouTube: <https://www.youtube.com/c/APKAGInnovativeplasticrecycling>



Transparent - LDPE-film made of recyclates from APK's post-consumer Newcycling®-campaign (left) and film made of virgin plastics (right). Copyright APK AG. / Editorial use of this picture is free of charge. Please quote the source: "obs/APK AG"

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