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WRZ-HÖRGER Sontheim: Recycler Starts Up New Post-consumer Film Recycling Line

WRZ-HÖRGER in Sontheim (www.wrz-hoerger.de) has launched a new post-consumer film recycling line recently. With this new wash/separation line this recycling plant is now able to increase its capacity to up to 7000 tonnes per year. DSD film waste is recycled into high-quality agglomerate or regrind.

The turn-key plant delivered by HERBOLD Meckesheim (www.Herbold.com) consists of a wet size-reduction step with an upstream separation device for extraneous materials, separation technology based on a hydrocyclone and a mechanical/thermal drying step. Downstream of the plant operates a plastcompactator in order to transform the film material into agglomerate with excellent flowing properties and high bulk density. The end product can be used for the production of molded parts.



Fig. 1: The end product of the Herbold Plastcompactator is an agglomerate with high bulk density and excellent flow properties

WRZ-Hörger has the whole recycling chain on site, from collecting over sorting to recycling and is therefore in line with the current trend: Curbside collectors and sorting companies are installing their own recycling technology, and processors of recycled materials are also installing their own reclamation technology. This adds to the effectiveness of the recycling process, and the operator benefits in terms of value creation from two or even three steps, from collecting to the manufacture of the end product.



The agglomerates produced by WRZ-Hörger meet the highest quality requirements; the company works in three shifts.



Fig. 2: The Herbold Washing Line

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