



Master Thesis:

The effect of different polyolefin materials on the mechanical recyclability of diapers

Today's absorbent hygiene products (such as diapers) are not recyclable and more than 40% of it ends up at landfills. With the help of Dow's technology, materials and expertise, this project aims to help recycling these products, in particular its plastic fraction. The candidate will perform compound and molding studies as well as measurement of mechanical properties of the molded article and morphology of it. The candidate will have access to recycled material coming from a commercial diaper-recycling factory and he/she will be able to use it for benchmarking analysis. The candidate will review IP and also build a first cost assessment of the recycling process

Segment: Hygiene

Location: Horgen

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