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MAPAL and ENVIRONMENT

General background

Polypropylene (PP) is made of carbon and hydrogen. The source of the raw material is the light fraction of gas (Naphta) that is emitted from the petroleum refining.

Today this gas is transformed to ethylene and propylene that used to produce polymers such as Polypropylene (PP) and Polyethylene (PE) during polymerization process.

Mapal, that is a sheets producer, transformes the PP resin to final products in a clean and safe way. No emission and drainage are created during production. The sheets production by extrusion process requires relatively small amount of energy.

When PP reacts with air (like at very high Temp. or fire event) the combustion products are: Water, CO and CO₂, there is no emission of dangerous ingredients such as Hydrochloride-acid, Chlorine Styrene etc.

Since PP is one of the most commonly used plastic, it is easy to find an application for recycled material.

PP waste is 100% recyclable and also post consume PP is easily collected and reused.

Mapal Policy

Mapal recycles all the wasted material and plastic by products that are created throw the production by reused them later.

All plastics (polyolefins) such as PE bags Rafia and stretch are collected, recycled and rused in Technical Mapal products.

Mapal fulfills the local environmental regulations and is periodicaly inspected by the local authorities.

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