



TO WHOM IT MAY CONCERN

Dear Customer,

Due to the latest discussion, regarding black CPET Rigid Packaging, Etimex Primary Packaging is releasing a solid statement to underline its commitment towards recent development successfully made in sustainable and environmental friendly packaging.

Today carbon black is widely used as a colorant in food contact packaging because it provides a contrasting background and allows the colors of food to stand out. However, carbon black absorbs infrared light "IR" and does not return a signal, effectively blocking identification of the polymer type widely used by material recovery facilities. Etimex has developed a formulation years ago to enable automated sorting of black plastic packaging. Innovative black colorants allow spectroscopy to sort black plastic packaging waste, in pots, tubs and trays, so they can be recycled.

Because of the past investigations, ETIMEX Primary Packaging GmbH is in the position with its products to open new markets for recycling packaging waste with innovative black colorants. Etimex-PP has the technical expertise to blend such materials successfully in their existing Polymer formulations and is ready today to support the market with this new upcoming request. The colorants work in all our formulation, regardless if it is APET, CPET, or PP.

The development could save tones of rigid mixed plastic packaging in the waste stream. Beside the possibility of sorting and recycling post-consumer polymers, ETIMEX has also established an internal loop in its facility utilizing all in-house regrind. Such internal material returns into the sheet extrusion already at 100%.

As detectable black colorants are more expensive than conventional carbon black pigments ETIMEX can also offer a change into alternative pigments such as white allowing the trays to be detectable without additional IR additive.

We are open to any customer requirement to ensure a sustainable and recyclable solution across the packaging and food industry.

Kind regards



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