EVOPRENE® ECO

TPE compounds with bio-based and/or recycled content

Creating sustainable materials that perform mechanically, process seamlessly, and provide cost effective eco-friendly alternatives to traditional compounds is top-of-mind at Alphagary. Our approach is simple: it needs to make sense for our planet, for our customer, and for the intended application. We embrace this challenge with the same agility that drives our daily innovation -- by listening and then designing materials that meet demanding requirements.

EVOPRENE ECO 1220-72 Natural

Contains bio-based ingredient

EVOPRENE ECO 3222-68 Natural

Contains bio-based ingredient + recycled content

Based on lab results, we are confident of the consistency and repeatability of the mechanical properties of these compounds, and we will provide a Certificate of Analysis (COA) with every shipment as we do with traditional materials.

These materials are formulated to enable our customers to achieve their sustainability targets by using carbon credit. We are happy to provide documentation to support the carbon footprint calculation.

We lab-tested these eco-friendly compounds against the same formulation with traditional raw materials and saw fantastic results:

- SEBS-based compounds, formulated for general purpose applications (food-grade versions available)
- Mechanical properties such as gravity, durometer, and tensile strength are unchanged from prime materials
- Aging studies show good heat resistance
- Flow characteristics are unchanged
- Surface finish is rubbery with a matte finish, just like the prime materials
- Designed for extrusion and molding applications

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