

Technical Data Sheet

Recycled black EVA

Art.: EVA011BL-MP-R (VA13)

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Our EVA011BL-MP-R is an eco-friendly solution for industrial applications that require flexible materials with a low melting point, suitable for extrusion. This material is obtained from post-industrial film waste, carefully selected and recycled to ensure quality, performance, and sustainability. It is a granular ethylene-vinyl acetate (EVA) copolymer, suitable for standard extrusion lines, with good low-temperature sealing properties and compatibility with other polymers for co-extrusion.

Key Features

- Recycled from selected industrial film waste
- Color: black
- Chemical base: Ethylene-vinyl acetate copolymer (13% VA)
- Process: Extrusion
- MFR (190°C/2.16 kg): 3.2 g/10 min
- MFI (190°C/2.16 kg): 3.9 cm³/10 min
- Melting point: 94°C
- Availability: Regular

Composition (general information)

Recycled EVA material – possible presence of polyolefins <5% (typical variability of recycled materials).

Recommended applications

The presence of a small amount of polyolefins <5% does not compromise the processability of the material, although it may slightly reduce flexibility and compatibility in more sensitive processes. For this reason, the material is particularly suitable for the following applications:

✓ Extrusion

Soft tubes and extruded profiles – Medium-thickness sheets and technical films – EVA-based panels and laminates – Packaging and protective profiles

✓ Molding (injection / compression)

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Non-structural soft components – Technical accessories requiring moderate flexibility – Non-critical aesthetic parts

✓ Footwear

Midsoles – Internal components – Parts not exposed to continuous high flexing

✓ Compounding

Blending with other copolymers and polyolefins – Production of low-cost elastic compounds

✓ Adhesives and Hot-Melt (HM)

Standard hot-melt formulations

✓ Various products

Sporting goods – Promotional items and gadgets – Padding and protective elements

Less recommended applications

The material is less suitable for:

- Thin films (<0.5 mm)
- Blown film extrusion
- Applications requiring high flexibility or elastomer-like elasticity
- Molding of parts with very fine aesthetic finish

Why Choose Our EVA011BL-MP-R?

This recycled EVA offers **stable quality**, **excellent processability** and **high versatility** at a very competitive cost. The material is suitable for extrusion, molding, footwear, hot-melt and compounding applications, thanks to its balanced melt flow and thermal profile.

Traces of polyolefins (<5%) do not affect production and are typical of recycled materials, making this grade a **reliable and sustainable alternative** to virgin EVA, with consistent availability and reduced environmental impact.

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