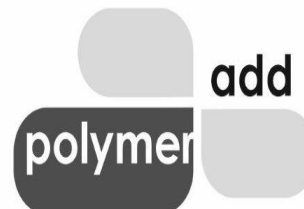


# Polymer Add (Thailand) Co.,Ltd.

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Factory - 188/3, Moo 8, Tambon Bangpu Mai, Amphoe Muang Samut Prakan, Samutprakan, Thailand 10280

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## TECHNICAL DATA SHEET

### EVASULBLEND MB6035

#### Product Description

High-filler, resin-containing dry micronized powder blend based on EVA and stearic-coated Sodium Sulphate, designed for cost-effective transparent or semi-transparent film extrusion. Offers excellent dispersion, thermal stability, and compatibility with EVA-based systems. No need for pelletizing

#### Micronized Ingredient Composition

Chemical Name	CAS Number	Function	Typical % (w/w)
Stearic-Coated Micronized Sodium Sulphate	7757-82-6	Functional filler	60.0%
Micronized EVA Resin (18% VA content)	24937-78-8	Base polymer resin	35.0%
MAH-Grafted EVA (Micronized OE-850)	26221-73-8	Coupling agent / adhesion promoter	3.0%
Antioxidant AO-1010 (Micronized)	6683-19-8	Primary thermal stabilizer	0.25%
Antioxidant AO-168 (Micronized)	31570-04-4	Secondary antioxidant (phosphite)	0.25%
Zinc Stearate (Micronized)	557-05-1	Lubricant, processing aid, minor antistatic support	1.0%
TOTAL			100.00

#### Key Benefits

- Cost-effective EVA-based powder blend with 60% filler loading
- Ensures pre-distributed dispersion of antioxidants and coupling agents
- Avoids degradation and clumping associated with melt-compounded pellets
- Excellent flowability in film extrusion with powder feeders
- Suitable for transparent and semi-transparent food-grade disposable films
- Compatible with EVA/LLDPE film processing lines

#### Packaging & Storage

- 20–25 kg multi-layer paper or PE-lined woven sacks
- Recommended storage <35 °C, RH <55%
- Avoid stacking >1.5 m height
- Shelf life: 6 months in sealed condition

#### Suggested Use (Film or Compound Production)

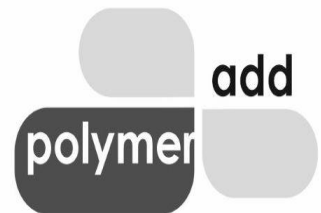
Usage Context	Guidance
Direct Powder Feed	Use as-is in extruder with powder feeder (gravimetric preferred)

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Blended Feed with EVA Resin	Mix 60–80% EVASULBLEND MB6035 with 20–40% EVA or LLDPE pellets
Processing Temperature	170–220 °C (Zone-dependent)
Feeding Precaution	Avoid bridging in hopper; use agitation or flow aids if needed
Direct Powder Feed	Use as-is in extruder with powder feeder (gravimetric preferred)

***This preblend is offered as a dry additive system designed for technical use in polymer processing. The user is responsible for determining the appropriate dosage, processing parameters, and compatibility with their specific polymer and equipment. Polymer Add Thailand shall not be liable for any consequential or incidental damages arising from incorrect use or unverified end-application performance***

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