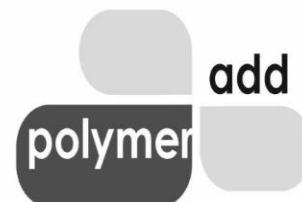


# Polymer Add (Thailand) Co.,Ltd.

Office - 106, Chalarempriakiat, Lor 9, Soi 22, Yak 5, Nongbon, Prawet, Bangkok, Thailand 10250

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

Mobile - Thai : 0804531391, English: 0839415475, E-mail – contact@polymeradd.co.th



## PRODUCT NAME:

### VCI-SULBLEND VS7015

(Micronized VCI Additive Blend for Film Applications)

## Description

VCI-SULBLEND VS7015 is a micronized, dry-blend additive system combining active corrosion inhibitors with an inert, flow-enhancing filler. It is specifically formulated for use in **VCI film extrusion** (LDPE, LLDPE, EVA) to protect ferrous and non-ferrous metals during storage and shipping.

## Composition

Component	% w/w	CAS No.	Function
Sodium Benzoate (Micronized)	35.0%	532-32-1	Primary VCI agent
Stearic-Coated Micronized Sodium Sulfate	50.0%	7757-82-6	Dry carrier, dispersion aid
Zinc Benzoate (Micronized)	5.0%	553-72-0	Secondary VCI, non-ferrous protection
Micronized Silica (Amorphous)	5.0%	112926-00-8	Anti-block, surface roughness aid
AO-1010 (Micronized)	0.5%	6683-19-8	Stabilizer
Zinc Stearate	0.5%	557-05-1	Lubricant, dispersion aid
EVA Resin (Micronized)	4.0%	24937-78-8	Carrier polymer (optional for melt blends)

## Key Features

- High-efficiency corrosion protection (VPI effect)
- Uniform dispersion in polyolefins (LDPE, LLDPE, EVA)
- Dust-free handling in micronized form
- Non-hygroscopic and anti-caking
- No halogens or heavy metals

## Recommended Use

Application	Typical Dosage	Notes
Mono-layer VCI Films	3–6% by weight	Direct powder feeding or masterbatch form
Co-extruded VCI Films	1–3% in VCI layer	Compatible with LDPE/EVA blends
VCI Masterbatch	Up to 80% loading	Granulate as preblend for safer handling

## Physical Properties

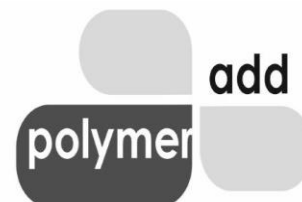
Property	Value / Description
Appearance	White to off-white powder
Particle Size (D100)	< 50 µm (micronized)

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Bulk Density	0.55–0.70 g/cm <sup>3</sup>
Halogen Content	None
Solubility	Water-soluble actives
Odor	Mild, characteristic

## Packaging & Storage

- 25 kg paper or PE-lined woven sacks
- Store in a cool, dry area below 35 °C
- Shelf life: 12 months if unopened and stored properly

***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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