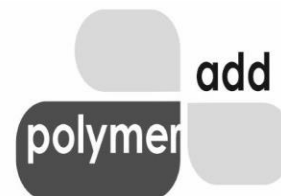


Polymer Add (Thailand) Co.,Ltd.

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



TECHNICAL DATA SHEET

ADDITIVEMATCH MICROBLEND A80

Micronized Additive Blend for Additive Masterbatches

Product Description

AdditiveMatch MicroBlend A80 is a pre-formulated micronized additive combination engineered for use in polyethylene or polypropylene-based additive masterbatches. It imparts processing efficiency, anti-blocking, improved dispersion, surface smoothness, and long-term stability to masterbatch formulations intended for films, molded parts, and extruded profiles.

Micronized Ingredients

Chemical Name	Function	CAS Number	% Composition
Micronized Polyethylene Wax (D100 < 20µm)	Slip agent, surface modifier	9002-88-4	35.00%
Micronized Glycerol Monostearate (GMS 90%)	Internal lubricant, process aid	31566-31-1	20.00%
Zinc Stearate (Micronized)	Mold release, dispersion aid	557-05-1	15.00%
Silicone-Treated Fumed Silica	Anti-blocking, improved surface finish	67762-90-7	10.00%
Synthetic Amorphous Silica	Anti-caking, flow aid	112926-00-8	10.00%
Polyether-Modified Polydimethylsiloxane	Surface slip, anti-stick additive	27306-78-1	10.00%
TOTAL			100.00%

Typical Properties

Property	Value / Description
Appearance	Fine off-white powder
Odour	Neutral to mild waxy
Particle Size (D100)	< 20 microns
Bulk Density	~0.42–0.50 g/cm ³
Melting Range	85–130°C (depending on wax and GMS)
Compatibility	PE, PP, EVA, general-purpose polymer carriers
Moisture Content	< 0.5%

Applications

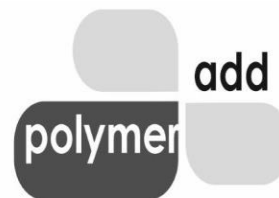
- Additive Masterbatches for Film, Injection Moulding, and Blow Moulding
- Surface Smoothness Enhancer in Transparent & Opaque Films
- Flow and Release Aid in Processing High-Filler or Pigmented Systems

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



Processing Guidance

- Dry blend into masterbatch mix before compounding
- Compatible with twin-screw, single-screw extruders and internal mixers
- Recommended dosage: 1.0–2.5% in finished masterbatch

Packing Instructions

Packing Type	Description
Bag Type	Paper Bag with Inner PE Liner
Net Weight	20 Kg per bag
Palletization	40 Bags per Pallet, 800 Kg net per pallet
Optional	PE Drum Packing or Vacuum-Sealed Bag on request
Labelling	Product Code, Batch No., Manufacturing Date
Shelf Life	24 months in sealed condition
Storage	Dry, covered storage, away from direct sunlight

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

Document Ref: ADDITIVEMATCH MICROBLEND A80 TDS_v1.0 | Issued: **July 2025** | Supersedes all previous versions