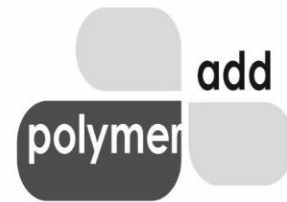


# Polymer Add (Thailand) Co.,Ltd.

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

### FILLERMATCH MICROBLEND F60

Micronized Additive Blend for Filler Masterbatches

#### Product Description

Fillermatch MicroBlend F60 is a specialty micronized additive combination designed to improve processing, flow, and dispersion characteristics in high-filler polymer masterbatches. The blend enhances surface slip, prevents filler agglomeration, and supports consistent pelletizing and extrusion even under high loading.

#### Micronized Ingredients

Chemical Name	Function	CAS Number	% Composition
Micronized Polyethylene Wax (D100 < 20µm)	Surface slip, dispersion aid	9002-88-4	30.00%
Micronized Glycerol Monostearate (GMS 90%)	Anti-agglomeration, lubricant	31566-31-1	25.00%
Hydrophobic Fumed Silica (R972 Type)	Anti-caking, moisture resistance	68909-20-6	5.00%
Micronized Zinc Stearate	Internal lubricant, flow modifier	557-05-1	20.00%
Synthetic Amorphous Silica	Free-flow agent, improves blend uniformity	112926-00-8	10.00%
Micronized Calcium Carbonate	Bulk carrier, thermal stability support	471-34-1	10.00%
		<b>TOTAL</b>	<b>100.00%</b>

#### Typical Properties

Property	Value / Description
Appearance	Fine white powder
Odour	Slight waxy or neutral
Particle Size (D100)	< 20 microns
Bulk Density	~0.38–0.48 g/cm <sup>3</sup>
Melting Range	80–130°C (varies with wax/GMS content)
Compatibility	PE, PP, EVA, CaCO <sub>3</sub> -based filler masterbatches
Moisture Content	< 0.5%

#### Applications

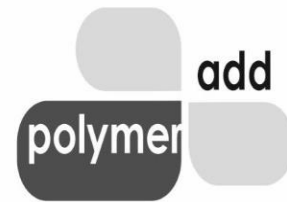
- Filler Masterbatches (PE/PP with CaCO<sub>3</sub> or Talc)
- High Load Mineral Concentrates
- Extruded Sheets & Injection Moulding with Fillers

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## Processing Guidance

- Can be dry blended with filler and polymer prior to compounding
- Compatible with twin-screw, single-screw extruders and banbury mixers
- Recommended dosage: 1.0–3.0% in total masterbatch formulation

## Packing Instructions

Packing Type	Description
Bag Type	Multilayer Paper Bag with Inner PE Liner
Net Weight	20 Kg
Palletization	40 Bags per Pallet, 800 Kg net per pallet
Optional	Vacuum-Sealed Liner Bag for moisture-sensitive use
Labeling	Product Code, Batch No., Manufacturing Date
Shelf Life	24 months from date of manufacture if sealed well
Storage	Cool, dry area 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*

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