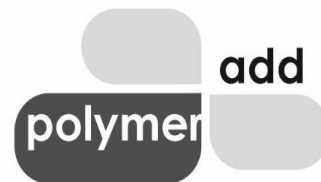


Polymer Add (Thailand) Co.,Ltd.

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TECHNICAL DATA SHEET

PVC MICROBLEND P75

Micronized Additive Blend for Rigid and Flexible PVC Compounds

Product Description

PVC MICROBLEND P75 is a pre-dispersed micronized powder blend optimized for PVC applications including profiles, pipes, cables, sheets, and flexible films. It provides improved dimensional stability, fusion aid, heat resistance, and opacity, while maintaining excellent dispersion and extrusion behavior.

Micronized Ingredient Composition

Chemical Name	CAS Number	Function	Typical % (w/w)
Micronized Talc	14807-96-6	Reinforcement, heat resistance	40.00
Micronized Mica	12001-26-2	Platelet barrier, dimensional stability	25.00
Calcium Carbonate (Micronized)	471-34-1	Cost reduction, stiffness	20.00
Micronized Stearic Acid	57-11-4	Lubricant, fusion aid	3.00
Titanium Dioxide (Rutile)	13463-67-7	Opacity, brightness	5.00
Zinc Stearate (Micronized)	557-05-1	Internal lubricant, heat stabilizer	2.00
TOTAL			100.00

Physical Properties

Property	Value
Appearance	White to off-white micronized powder
D50 Particle Size	< 10 μm
Bulk Density	0.45–0.60 g/cm ³
Moisture Content	< 0.5%
Shelf Life	24 months from production date
Compatibility	PVC (Rigid & Flexible), CPVC, UPVC

Recommended Dosage

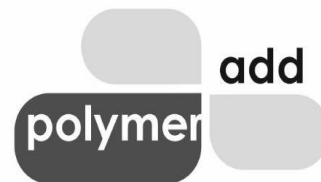
Use at 1.0% to 5.0% w/w of total PVC compound depending on formulation and performance requirement.

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Storage and Handling

Store in a cool, dry, well-ventilated area. Keep bags tightly closed when not in use. Avoid moisture pickup. Use suitable dust control measures in blending and extrusion environments.

Packing Instructions

Packaging Format	Details
Standard Bag	10 kg PE-lined Kraft Paper Bag
Optional	5 kg HDPE double-liner sealed bags
Palletization	500 kg per pallet (50 bags x 10 kg)
Labelling	Product Name, Batch No, Net Weight, MFG Date, Expiry Date
Storage Condition	≤ 30°C, RH < 60%, store in dry place

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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