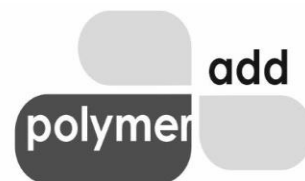


Polymer Add (Thailand) Co.,Ltd.

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TECHNICAL DATA SHEET

ADHEBOND MICROBLEND A60

Micronized Additive Blend for Industrial Adhesive Systems

Product Description

ADHEBOND MICROBLEND A60 is a pre-engineered micronized additive system designed to enhance the rheology, flexibility, crack resistance, and overall stability of industrial adhesives. This blend is particularly effective in solvent-based, water-based, and hot-melt adhesive systems used in tapes, labels, laminates, and structural bonding applications.

Micronized Ingredient Composition

Chemical Name	CAS Number	Function	Typical % (w/w)
Micronized Talc	14807-96-6	Rheology modifier, bodying agent	40.00
Micronized Mica	12001-26-2	Flexibility, crack resistance	25.00
Kaolin Clay (Micronized)	1332-58-7	Thixotropy, viscosity control	10.00
Fumed Silica (Amorphous)	7631-86-9	Anti-settling, thickening	2.00
Glycerol Monostearate (GMS 90%)	31566-31-1	Slip, spreadability	2.00
Zinc Oxide (Micronized)	1314-13-2	Thermal stability, cross-linking agent	1.00
Hydrophobic Silica	68909-20-6	Storage stability, moisture control	1.00
TOTAL	–	–	100.00

Physical Properties

Property	Value
Appearance	Off-white to light tan fine powder
D50 Particle Size	< 5 µm
Bulk Density	0.35–0.50 g/cm ³
Oil Absorption	40–60 g/100g
Compatibility	EVA, acrylic, PU, rubber-based, solvent & water systems
Shelf Life	24 months in original sealed packaging

Recommended Dosage

Use at 1.0% to 6.0% w/w depending on adhesive system, viscosity control, and performance requirement.

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Storage and Handling

Store in a dry, ventilated area away from direct sunlight and humidity. Reseal opened bags immediately after use. Use appropriate dust control measures during blending and handling.

Packing Instructions

Packaging Format	Details
Standard Bag	10 kg PE-lined Kraft Paper Bag
Optional	5 kg double-liner HDPE 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%, avoid direct moisture

Footnote

- *Micronized resins (e.g., EVA, PU, Hydrocarbon Resin) are available as separate products for users seeking to customize their Industrial Adhesive Systems.*

Date of Creation : July 2025