

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

LAMIBOND L85

Micronized Additive Blend with Functional Fillers for Lamination Adhesives
(Bulk, Rheology & Flow Control)

Product Description

LAMIBOND L85 is a micronized powder blend with functional fillers designed for bulk, rheology, and flow control in lamination adhesives. It is ideal for high-load adhesive formulations that require cost-effective filler systems while maintaining good flow and paste stability.

Micronized Ingredients

Chemical Name	Function	Composition %	CAS Number
Calcium Carbonate (Micronized)	Cost-Effective Filler Enhances Body	55.00%	471-34-1
Micronized Talc	Rheology Modifier Reduces Sag Enhances Body	30.00%	14807-96-6
Fumed Silica (A200)	Thixotropic Agent Prevents Paste Separation	15.00%	112945-52-5
TOTAL		100.00%	

Typical Properties

Property	Value / Description
Appearance	Fine white powder
Odour	Neutral
Particle Size (D90)	< 10 microns
Bulk Density	~0.40–0.48 g/cm ³
Compatibility	EVA, PU, and solvent-based adhesives
Moisture Content	< 0.5%

Applications

- High-load lamination adhesives for cost-effective bulk formulations
- Adhesives for flexible films, foils, paper, and foam lamination
- Suitable for bonding textiles, packaging, and multi-layer films

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Processing Guidance

- Blend with adhesive resin powders in dry mixers or spiral blenders
- Pre-dry under low heat if humidity is high to prevent caking
- Recommended usage: 1.5–3.0% depending on adhesive formulation

Packing Instructions

Packing Type	Description
Bag Type	Kraft Paper Bag with Inner PE Liner
Net Weight	20 Kg
Palletization	40 Bags per Pallet (800 Kg net weight)
Optional	Vacuum-sealed or foil-lined drum for humidity protection
Labeling	Product Name, Code, Batch No., Mfg. Date, Expiry
Shelf Life	24 months in sealed, dry condition
Storage	Store in cool, dry environment; avoid moisture and sunlight

Footnote

Micronized resins (e.g., EVA, PU, Hydrocarbon Resin) are available as separate products for users seeking to customize their Lamination Adhesives.

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