

# Polymer Add (Thailand) Co.,Ltd.

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## TECHNICAL DATA SHEET

### LAMIBOND F65

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

#### Product Description

LAMIBOND F65 is a micronized powder additive system designed to enhance rheology, body, and flow control in lamination adhesives. It combines the properties of **LAMIBOND R72** with functional fillers, offering a cost-effective solution for bulk adhesive formulations used in packaging, lamination, and textiles.

#### Micronized Ingredients

Chemical Name	Function	Composition %	CAS Number
GMS (Glycerol Monostearate)	Surface Slip Modifier Anti-Blocking	40.00%	31566-31-1
Fumed Silica (A200 equivalent)	Thixotropic Agent Suspension Stability	30.00%	112945-52-5
PE Wax (HDPE) Micronized	Anti-Blocking Agent Reduces Tack	20.00%	9002-88-4
Calcium Carbonate (Micronized)	Cost-Effective Filler Enhances Body	10.00%	471-34-1
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 <sup>3</sup>
Compatibility	PU, EVA-based and solvent-based adhesives
Moisture Content	< 0.5%

#### Applications

- Lamination adhesives for flexible packaging, films, and labels
- Hot melt adhesives for bonding textiles, foams, and packaging materials
- Adhesives for bonding multi-layer films and composites

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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
Labelling	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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