

APSARA PAPERCO & TRADE

Specialized Industrial Solutions | ASEAN – Cambodia

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TECHNICAL DATA SHEET

PREMIUM NATIVE TAPIOCA STARCH

Origin: Indonesia

Batch Reference
APS-TK-09-2025

Date of Analysis
Q3 2025

Document Ref.
TDS-APS-002

1. PRODUCT OVERVIEW

Industrial-grade native tapioca starch sourced from Indonesia. Independently tested and certified by SUCOFINDO under SNI standards. Suitable for high-speed corrugating adhesive, paper manufacturing, and food-adjacent packaging applications.

2. VERIFIED TECHNICAL SPECIFICATIONS

Laboratory results per independent SUCOFINDO third-party analysis, Q3 2025:

Parameter	Lab Result	SNI Standard	Remark
Moisture Content	12.47%	Max 13.0%	Within safe range for tropical storage
Ash Content	0.15%	Max 0.20%	Low mineral residue; reduced roller wear
Starch Content	85.46%	Min 85.0%	Meets minimum; consistent bonding performance
Brightness (vs MgO)	94.2	Min 91.0	High whiteness; suitable for white-top liners
pH (10% Solution)	5.83	5.0 – 7.0	Balanced; stable for Stein-Hall adhesive recipes
Viscosity (1% Sol.)	4.84 °E	Reference	Low viscosity; predictable high-speed line flow
Fineness (Mesh 200)	99.75%	Min 99.0%	Ultra-fine; minimal clogging risk on nozzles
Sulfur Dioxide (SO ₂)	Nil	Max 30 ppm	Zero sulfur; food-contact export compliant
Nitrite (NO ₂)	Negative	Negative	Clean profile for sensitive end-use markets
Cyanide (HCN)	Nil	Nil	Safe for all packaging and food-adjacent use
Acidity	1.37 mL NaOH 1N/100g	Max 4.0	Well within limit; minimal acidic interference

3. KEY INDUSTRIAL ADVANTAGES

Zero SO ₂ & Cyanide	Nil SO ₂ and HCN verified by SUCOFINDO — packaging is fully compliant for food-contact export to US, EU, and ASEAN markets.
High Brightness 94.2	Exceeds the 91.0 minimum, making it well-suited for premium white-top kraftliner and high-finish corrugated packaging.
Ultra-Fine Particle Size	99.75% passing Mesh 200 ensures smooth adhesive flow, reducing nozzle blockage and downtime on high-speed corrugators.

4. PACKING & COMMERCIAL TERMS

Packing	50 kg / PP Woven Bag
Minimum Order Quantity	40 – 60 Metric Tons
Container	20-Foot FCL
Origin	Indonesia
Lab Certification	SUCOFINDO — Independent Third-Party Analysis, Oct 2025