

# Modified Starch

Specialty Starches

## PRODUCT DESCRIPTION

Modified starch grades for polymer compounding, thermoplastic processing, and specialty industrial applications. Consistent purity with controlled moisture and compatibility with standard extrusion processes.

## TECHNICAL SPECIFICATIONS

Appearance	<b>White to off-white fine powder</b>
Starch Content (dry basis)	<b>≥ 85.0 %</b>
Moisture	<b>≤ 12.0 %</b>
pH (10% slurry)	<b>5.0 – 7.5</b>
Ash Content	<b>≤ 0.30 %</b>
Whiteness	<b>≥ 88 %</b>
Particle Size (100 mesh pass)	<b>≥ 95 %</b>

## AVAILABLE GRADES

- TPS Grade — thermoplastic starch for bioplastic compounding
- Pre-gelatinised — cold-water soluble for adhesive and coating applications
- Oxidised — improved film-forming and binding properties
- Custom Grade — modified to your technical data sheet

## APPLICATIONS

- Thermoplastic starch (TPS) biopolymer compounding
- Biodegradable film and packaging production
- Industrial coating and sizing formulations
- Specialty adhesive systems

## PACKAGING & DELIVERY

Packaging	<b>Palletised, compliant with phytosanitary requirements</b>
Delivery	<b>DDP — delivered duty paid to your plant</b>
Storage	<b>Cool, dry conditions below 25°C</b>
Shelf Life	<b>18 months from date of production</b>

## COMPLIANCE