

Plant-based, industrially compostable PLA sheet for food-service disposables and sustainable retail packaging.

Typical properties

Property	Typical value	Test method
Specific gravity	1.24 g/cm³	ASTM D792
Tensile strength	60 MPa	ASTM D638
Flexural modulus	3600 MPa	ASTM D790
Elongation @ break	6 %	ASTM D638
Light transmittance	~ 90 %	ASTM D1003
Vicat softening point	58 °C	ASTM D1525
Compostability	Certified grades	EN 13432 / ASTM D6400

Key features

- ✓ Bio-based — made from renewable resources
- ✓ Industrially compostable certified grades
- ✓ High clarity and printable surface
- ✓ Food-contact compliant
- ✓ Runs on standard thermoforming tooling

Typical applications

Food-service cups, lids, trays & containers · Compostable retail & produce packaging · Eco-conscious POS displays · Single-use medical & lab consumables

Supply range

Thickness: 0.2 – 1.5 mm · **Width:** up to 1400 mm · Sheets, rolls or cut-to-size · Colour-matched to Pantone / RAL · Textured or gloss finishes

Values shown are typical of the grade and are provided for guidance only — they are not specifications. Properties vary with gauge, colour and processing. Please confirm final values against your application at DFM review; COA / MTC supplied with production.