

Ingeo™ PLA Product Details

Derived from annually renewable resources, Ex-Tech Plastics sheet made with Ingeo™ biopolymer gives you an environmentally friendly packaging solution with competitive cost value performance compared to traditional materials. Designed with thermoforming applications in mind, Ingeo™ complies with FDA and European requirements for food packaging.

Made from plants, Ingeo™ requires less non-renewable energy and generates significantly less greenhouse gas in comparison to oil based plastics making it a popular choice with companies concerned about the environmental impact of their plastic products.

Ex-Tech Plastics Ingeo™ PLA Properties ⁽¹⁾		
Physical Properties	Nominal Value	ASTM Method
Specific Gravity	1.24	D 792
Melt Index, g/10 min (190°C/2.16K)	4 - 8	D 1238
Clarity	Transparent	
Mechanical Properties		
Tensile Strength @ Break, psi (MPa)	7,700 (53)	D 882
Tensile Yield Strength, psi (MPa)	8,700 (60)	D 882
Tensile Modulus, kpsi (GPa)	500 (3.5)	D 882
Tensile Elongation, %	6.0	D 882
Notched Izod Impact, ft-lb/in (J/m)	0.24 (12.81)	D 256

(1) Typical properties; not to be construed as specifications

Ex-Tech Value-Added Services

- Custom colors
- Sheeting
- Slitting
- Laminating
- Coating
- Corona Treating
- Embossing
- Special Packaging Services
- Warehousing



11413 Burlington Road, Richmond, IL 60071
 TEL 847.829.8100 FAX 847.829.8190