

## Prime Sulapac

Our Prime Sulapac is a bio-based material and is safe for both people and the planet.

**Prime Sulapac main components are wood from industrial side streams and biodegradable biopolymers.**

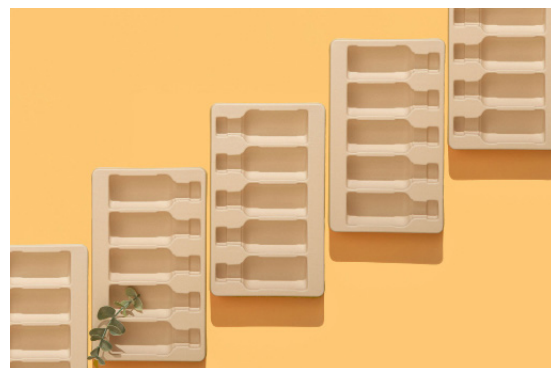
### Customization

Prime Sulapac is a sustainable, beautiful and functional wood composite for thermoforming that combines the functionality and performance of plastics with the eco friendly sustainable benefits of fiber products.

Prime Sulapac, unlike many other bio-based materials that demand precise temperature control during manufacturing, Sulapac's natural insulating properties provide a broader temperature range within which it remains workable.

### Environmental benefits

- 100 % Bio-based
- Industrially compostable - BPI Certified
- Low carbon footprint
- Recyclable by design
- No permanent microplastics
- Zero PFAS or other toxic chemicals.



# Prime Sulapac | Data Sheet



Prime Sulapac has become the preferred choice for brands and Thermoformers seeking a sustainable alternative to fossil-based plastics.

## Applications

Prime Sulapac is an excellent material choice also for point-of-sale displays, logistic trays, cosmetic packaging, single-use food packaging and blister cards.

## Finishing

Prime Sulapac is used in different types of packaging inserts, typically replacing PS(polystyrene), PP (polypropylene) or PET(polyethylene terephthalate).

The wood dust contained in the material is a side stream of the forest industry. Compared to conventional plastic, Prime Sulapac requires lower temperatures for thermoforming leading to up to 20% energy savings through shorter heating time. Faster heating also translates into reduced production time and increased efficiency

## Colors, Textures, and Capabilities

Prime Sulapac is available in thicknesses from .015-.060 and widths up to 47.5. Colors produced are in tans (dark tones). The surface is typically smooth.

Property	Test Method	Units	Average
Specific Gravity	D792		1.27
Tensile Strength @ Yield MD	D638	psi	4,700
Tensile Strength Yield @ TD	D638	psi	3,300
Elongation @ Break MD	D638	%	6
Elongation @ Break TD	D638	%	6
Tear Propagation MD	D1938	lbf/in	130
Tear Propagation	D1938	lbf/in	103
Flexural Modulus	D790	psi	231,000
Notched Izod Impact	D256	ft-lb/in	0.6
Heat Deflection @ 66psi*	D648A	°F	126

UL compliant materials available upon request.

Prime Sulapac	Very High	High	Avg.
Impact Strength			*
Tensile Strength		*	
Flexural Modulus			*
Heat Deflection Temperature			*