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

- Bio-based
- Industrially compostable - BPI Certified
- Low carbon footprint
- Recyclable by design
- No permanent microplastics
- Folumlated without PFAS*
- Leaves no toxic load behind**

* Tested for per-and polyfluoroalkyl substances (PFAS) by an independent laboratory (ISO/IEC 17025 certified) based on CEN/ TS 15968 test method; No PFAS compounds were detected.

** Ecotoxicity and threshold values for heavy metals tested according to EN 13432

For more information on any of our materials,
please call your Primex business manager
or one of our locations nearest you.

800.222.5116 | primexplastics.com

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			*

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