

SULAPAC

SUSTAINABLE.
BEAUTIFUL.
FUNCTIONAL.
Like nature.



Sulapac Ltd is a pioneering material innovation company bringing solutions to the global plastic crisis.

With our materials, you can accelerate a cleaner tomorrow without compromising on functionality or aesthetics.

Companies from various industries, from indie brands to global luxury icons, replace conventional plastic with Sulapac®.

Join the forerunners today.

Sulapac® Material Innovation

Sulapac® allows you to reduce CO₂ emissions, avoid harmful microplastics and advance the circular economy.



Low carbon footprint

Sulapac materials enable significant reductions in CO₂ emissions with up to 20x lower cradle-to-gate carbon footprint compared to conventional plastic.

Safe for people and the planet

The biobased and biodegradable Sulapac materials leave no persistent microplastics or toxic substances behind. They are certified industrially compostable and can be digested by ocean microbes. Furthermore, they are food contact compliant.

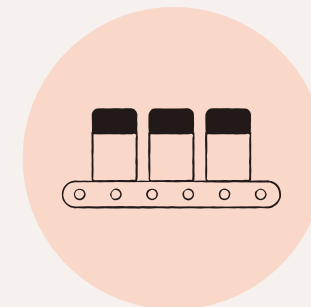


Circular by design

Sulapac materials are made with side stream raw materials and they are available with up to 70% recycled content. They can be both mechanically and chemically recycled.

Easy to adopt

Sulapac materials are not only sustainable, but also beautiful and functional. They can be processed with existing plastic converting machinery, enabling a resource-efficient transition towards a cleaner future.



Find the scientific validation on sulapac.com/key-features

Materials for Cosmetics

From skincare to color cosmetics and fragrances, there's a sustainable, beautiful and functional Sulapac material to match your packaging needs.



Sulapac Premium

Distinctive look & feel with large wood chips designed for thick-walled items.



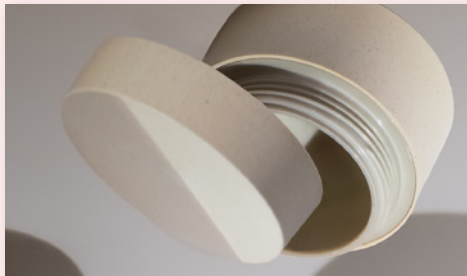
Sulapac Premium Flex 40

Flexible version of Premium with better impact strength.



Sulapac Universal

Natural look & feel with medium sized wood chips designed for rigid packaging.



Sulapac Universal Flex 35

For thin-walled structures with good impact strength.



Sulapac Flow 1.8

Ideal material for thicker extruded products like cosmetic pencils.



Sulapac Solid 2.0

Luxurious, ceramic-like material for caps and closures.



Sulapac Luxe

The ideal replacement for hard plastics like ABS.



Sulapac Luxe Flex

Luxe with advanced flexural properties and processability.



Sulapac Barrier

For the inner layer of a cosmetic jar to minimize water evaporation.

All materials can be colored with masterbatches. From selected materials there are also readily colored versions available.

Materials for Food Services

Sulapac's offering for food services includes materials for cutlery, straws and take-away packaging as well as reusable tableware.



Sulapac Flow 1.7

Technically exceptional material for thermoformed packaging and straws with natural look and feel.



Sulapac Universal Heat 30

Provides cutlery with high heat resistance without the need for additional or post-treatment.



Sulapac Universal

Fully biobased material with beautiful, natural appearance, ideal for sturdy premium cutlery.

Sulapac Solid, the 100% biobased material for reusables, provides all the benefits of plastic while being safe for people and the planet.



Sulapac Solid 2.0

Dishwasher and microwave safe material with ceramic look and feel, designed for reusable packaging.

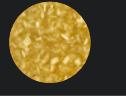
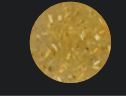
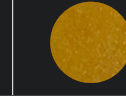
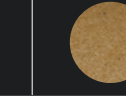
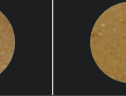
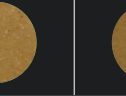

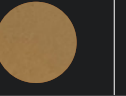
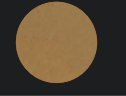






Sulapac Universal Flex 30

Highly functional material with enhanced flexural strain and impact strength, optimized for fast processing.

Across product sectors Sulapac materials provide a truly sustainable alternative with outstanding user experience and easy processing.

Mechanical Properties of Sulapac Materials

	Large wood chips		Small wood chips				Wood flour		Non-visible wood	No wood			
	Premium	Premium Flex 40	Universal	Universal Flex 30	Universal Flex 35	Universal Heat 30	Flow 1.7	Flow 1.8	Luxe	Luxe Flex	Solid 2.0	Barrier	Soft
Natural color of the material													
Density (g/cm ³)	1.27	1.27	1.27	1.27	1.27	1.41	1.26	1.26	1.27	1.27	1.4	1.49	1.17
Shrinkage	0.2	0.2	0.2	0.3	0.3	0.2	N.A.	N.A.	0.36	0.36	0.15	1	N.A.
MFI (190°/2.16 kg) (g/10 min)	N.A.	N.A.	12	12	12	7	3	3	14	31	22	12	7
Flexural strain (%)	2.0	2.1	1.9	2.7	2.5	2.9	4.5	4.5	3	6.5	1.3	1.1	> 6
Tensile modulus (Gpa)	4.9	4.4	4.5	3.0	3.5	3.3	2.1	2.1	3.2	2.3	7.8	8.7	0.32
Tensile strain at yield (%)	1.2	1.4	1.6	2.7	2.5	2.7	3	3	2.2	2.8	1.3	1.1	N.A
Tensile strenght (Mpa)	48	40	45	35	40	26	35	35	50	53	65	44	10
Charpy impact (kJ/m ²)	6	8	10	12	11	8	33	33	16	19	16	9	53 (notched)
Recommended minimum object thickness (mm)	2	2	0.6	0.6	0.6	0.6	EX: 0.25 IM: 0.6	EX: 0.5	0.6	0.6	0.5	0.5	EX: 0.1 IM: 0.6
Food contact compliance*	EU & FDA	EU	EU & FDA	EU & FDA	EU & FDA	EU & FDA	EU & FDA	EU & FDA	EU & FDA	EU & FDA	EU & FDA	EU	EU & FDA

*Restrictions and specifications of use apply, please refer to relevant Declaration of Compliance for further information.

Sulapac Flow 1.7 for Thermoforming

Meet our eco-friendly drop-in solution for thermoforming with premium touch. Sulapac Flow 1.7 combines the performance of plastics with the sustainability benefits of fiber formed products.



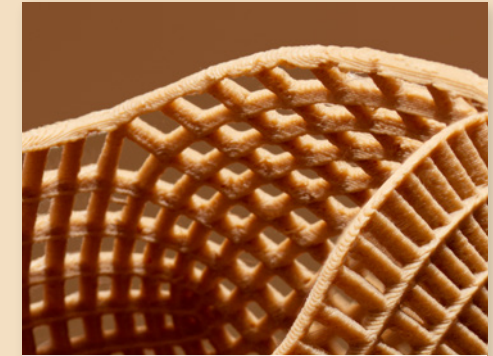
Sulapac Flow 1.7

Your go-to sustainable solution in thermoforming.

- ✔ Excellent processability and consistent quality
- ✔ Beautiful look and feel without any surface treatment
- ✔ Has a 'memory'; a product can be clicked in and out repeatedly
- ✔ Available in any color you like
- ✔ Mechanically and chemically recyclable
- ✔ Free from PFAS and other toxic chemicals
- ✔ EU and FDA food contact compliant
- ✔ High processing speed both in extrusion and thermoforming

Materials for 3D Printing

All Sulapac materials for 3D printing are suitable for printing directly from granules. For filament extrusion choose Flow 1.7.



Sulapac Flow 1.7

Fast printing, easy post processing and beautiful print quality guaranteed with this sustainable wood-composite.



Sulapac Heat 30

Beautiful wood-composite with high heat-resistance.



Sulapac Soft

Soft and flexible material with home compostability certificate.

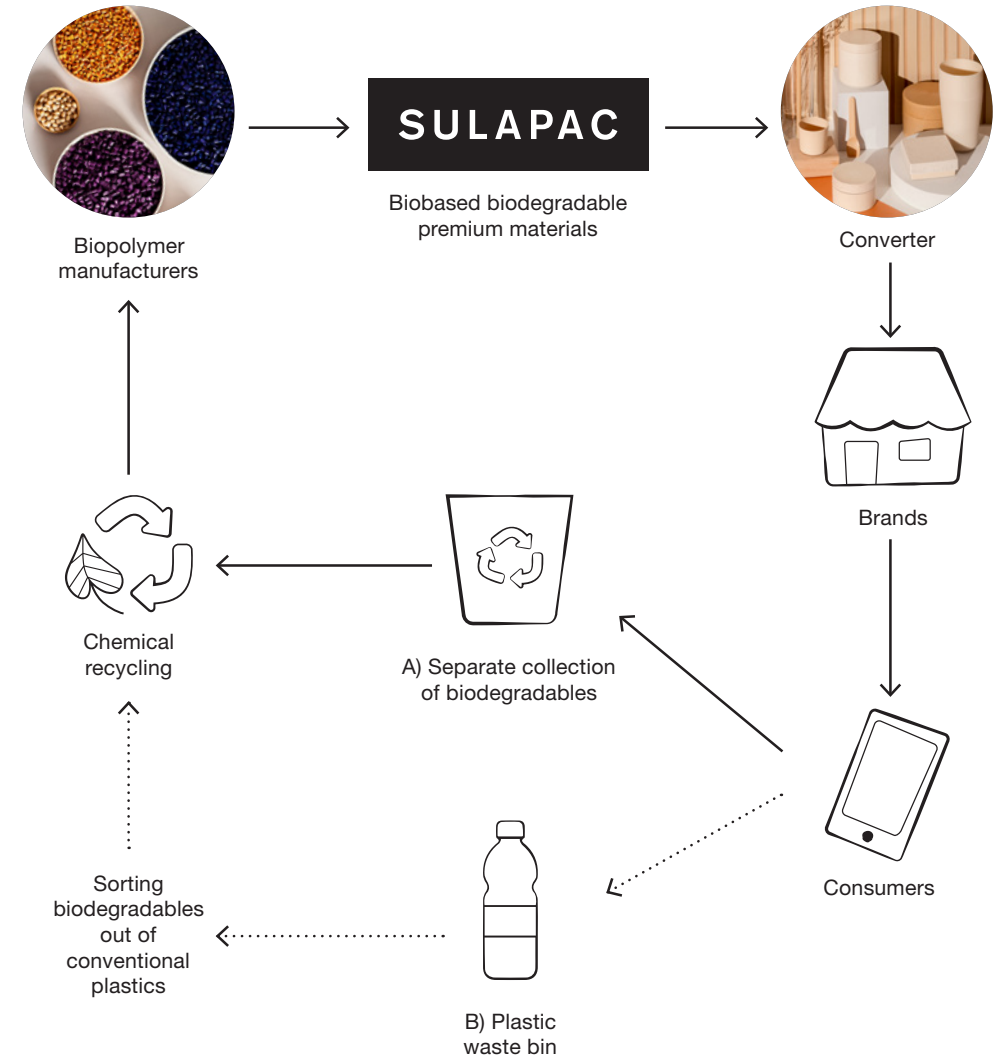
Sulapac Closed Loop Model


While the recycling of Sulapac and other similar biobased biodegradable materials is highly efficient, the infrastructure at scale is still under development.

To ensure full circularity of your Sulapac products today, you can opt in to our Closed Loop Model whereby we organize the collection and recycling of Sulapac waste together with our specialized partners.

By closing the loop together, we can reduce CO₂ emissions, save precious natural resources and secure more post consumer recycled content for your company's needs.

Eternal recycling of biobased carbon





Mission driven. Science based.

Sulapac material features are based on a scientific framework and verified by third party testing and certificates.

- ✔ USDA Certified Biobased Product labels to verify the biobased content
- ✔ BPI, Seedling or TÜV OK Compost certificates to guarantee industrial compostability
- ✔ FSC certificate* underscoring our commitment to sustainable forestry
- ✔ ISO 14001 and ISO 9001 certificates demonstrating our commitment to consistent practices and continuous improvement in quality and environmental management

We will ensure a smooth transition to Sulapac®: our technical, sustainability and communications experts are ready to support you from the first trials to go-to-market success.

Together we can save the world from plastic waste. Join the mission at **sulapac.com**.

*License number FSC-C158142

Trusted by
iconic brands
and industry-
leading
manufacturers.



Like nature.