RD Physics introduces the first commercially available 3D printed product made with Sulapac®

RD Physics, the global leader in using 3D-printing for loudspeaker design and manufacturing, and the material innovation company Sulapac have joined forces to develop the most sustainable loudspeaker in the market.

HELSINKI, Finland (May 25th, 2023)
The future-proof loudspeaker *Sfaira* – made with Sulapac® is part of RD Physics' spearhead project Circular Sound®, a pioneering effort in creating a circular economy for the loudspeaker industry. Sfaira's electronic components are recycled while the outer part of the loudspeaker has been 3D-printed using Sulapac®, the one of a kind premium material that is bio-based, biodegradable and recyclable by design. Sulapac® gives Sfaira a natural look and feel and durable protection while leaving no persistent microplastics or toxic load behind.

Sulapac materials are developed for replacing conventional plastic in various applications and manufacturing processes. Solution for 3D printing, Sulapac Flow 1.7, is the newest addition in Sulapac's portfolio and suitable for both filament extrusion and industrial scale 3D printing. Sulapac's customer GEHR launched a premium 3D printing filament made of Sulapac earlier this spring. Sfaira loudspeaker by RD Physics is the first commercially available 3D printed product made with Sulapac.

 "The visionary idea behind Circular Sound and the unique characteristics of Sulapac material complement each other in a beautiful way resulting in a truly sustainable and circular product which sets an example across industries," says **Suvi Haimi**, CEO and Co-Founder of Sulapac.

RD Physics develops loudspeakers that not only sound good, but are also good for the planet. The company upcycles old loudspeaker components by 3D printing new enclosures for them. *"The enclosure material needs to reflect our mission of reducing waste and offering our customers a sustainable way of elevating their music listening experience with high-quality loudspeakers,"* says **Kim-Niklas Antin**, Founder of RD Physics. *"Sulapac was the natural choice for RD Physics when developing the Circular Sound loudspeaker series,"* Antin continues.

The technical properties of Sulapac Flow 1.7 such as high dimensional stability and elasticity make it ideal for 3D printing while the wood component of the material gives the printed objects a beautiful, distinctive finish. The bio-based material is both industrially compostable (BPI certified) and suitable for mechanical and chemical recycling.

The Sfaira loudspeaker can be purchased via Etsy. Sulapac material for 3D printing is available for companies worldwide through sulapac.com.

Further information:

Media kit

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RD PHYSICS

Sulapac Ltd accelerates the plastic waste-free future by replacing conventional plastic with sustainable materials that are beautiful and functional. Like nature. The Helsinki-based company was founded in 2016 by three scientists Dr. Suvi Haimi, Dr. Laura Tirkkonen-Rajasalo and Dr. Antti Pärssinen and was ranked one of Europe's 100 hottest startups by WIRED UK in 2018, 2019 and 2021. Investors behind Sulapac®, the award-winning, patented material innovation include CHANEL and Sky Ocean Ventures. Join the forerunners at sulapac.com.

RD Physics is the global leader in using 3D-printing for loudspeaker design and manufacturing. Our spearhead project is the Circular Sound® line, which is a pioneering effort in creating a circular economy for the loudspeaker industry. In addition, many of our creative designs can be built by any do-it-yourself enthusiast with access to a 3D-printer. RD Physics also provides engineering and consulting services to small and medium sizes companies specializing in additive manufacturing, engineering design and composite materials.