

## NEWS RELEASE

# Arxada and Novoset Agree Global License to Develop Next Generation Composite Materials

- Arxada to develop, manufacture and commercialize Novoset's IP-protected novel hydrocarbon resin system
- Expands Arxada's existing composite materials capabilities for telecommunications to include 5G and other applications

**Basel, Switzerland and Peapack, New Jersey, USA – 3 May, 2022** – Arxada, a global leader in specialty chemicals, and Novoset LLC, a technology and process driven "system solution" thermoset polymer material company, announce the signing of an exclusive license agreement for the production and sale of a next generation hydrocarbon-based resin system for telecommunications and advanced semiconductor packaging. Under the terms of the agreement, Arxada will develop, manufacture and commercialize the resin system developed by Novoset.

The technology will be developed by Arxada's Composite Materials unit, part of its Specialty Products Solutions ('SPS') business. The new resin system will serve several markets including the growing 5G telecommunications segment. It will be added to Arxada's Primaset® range of high-performance thermoset resins for the telecommunication infrastructure and advanced semiconductor packaging industries, building on the success of its existing products for 3G and 4G electronic applications.

**Antje Gerber, President, Specialty Products Solutions, said:**

*"This collaboration with Novoset aligns with our strategy of designing and developing solutions for products of the future to address our customers' needs. The addition of this new hydrocarbon resin system to our Composite Materials portfolio will further enhance our Primaset® range, leveraging our existing development and innovation capabilities to expand into highly desirable markets, including the rapidly growing 5G telecommunications market."*

**Dr. Sajal Das, Chief Executive Officer of Novoset, LLC added:**

*"We are pleased to be collaborating with Arxada to develop our innovative proprietary technology. This agreement will enable us to leverage Arxada's process development and production capabilities and broad commercial infrastructure to realize the full potential of this new technology. In addition, a new class of catalyst technology has been developed for these products, which are suitable both for conventional and advanced composite manufacturing methods."*

The new Primaset® HC-100 and HC-200 resin systems will provide superior dielectric performance, high temperature resistance and ultra-low moisture absorption compared to existing Arxada products, improving mechanical performance and process engineering. The products will be developed and manufactured in Arxada's world class facility in Visp, Switzerland. Arxada is currently developing the products and plans to begin sampling to customers in Q2 2022.

Arxada's Composite Materials unit is a well-established supplier and materials provider to the electronics, industrial and transportation end markets, developing the next generation of performance materials. The Company's Primaset® resins are a novel class of high-performance thermoset resins used in advanced composite materials for aerospace, space, automotive and industrial applications. The products have high thermal stability and strong mechanical properties, enabling them to withstand harsh conditions and maintain high performance over their full lifespan.

The collaboration is the fourth between Novoset and Arxada since 2011. Novoset has a long history of successful collaboration with Arxada's Composite Materials unit as an innovation and marketing partner in cyanate esters and other products. Some of those products are used in applications including mobile technology, Formula 1 cars, space vehicle heat shields and structures, air-ducting and enterprise servers in data center applications.

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## About Arxada

Arxada, formerly part of Lonza Group, is a global specialty chemicals business with a world-class offering in Consumer Microbial Control ('CMC'), Industrial Microbial Control ('IMC') and Specialty Products Solutions ('SPS'). Arxada provides a broad portfolio of differentiated products targeted at a range of end markets, supported by its leading regulatory capabilities, IP expertise and established track record in R&D.

Arxada's CMC business targets five end markets: Hygiene, Home and Personal Care, Wood Protection, Crop Protection, and Food, Beverage and Water, while IMC focuses on Paints and Coatings and Material Protection. Both businesses build on superior regulatory expertise, the broadest set of antimicrobial agents and the widest range of registrations in the world, which are critical to maintaining the integrity of their customers' products.

SPS provides complex, high-quality technologies and chemistries to customers across a range of industries within its three business lines: Performance Intermediates and Chemicals, Composite Materials and the Custom Development and Manufacturing Organization.



The three businesses work closely together to provide complementary expertise and deliver unique, innovative solutions to help customers protect their products from harmful microorganisms, improve health and safety and reduce their environmental footprints.

Arxada has a global footprint spanning 26 production sites and 17 R&D centers, with a world-leading team of 3,800 employees serving customers across a wide range of industries.

Arxada is owned by Bain Capital Private Equity and Cinven.

To learn more about Arxada, please visit: [arxada.com](http://arxada.com) and [Arxada on LinkedIn](#).

### **About Novoset, LLC**

Novoset, LLC was established in 2011 operating from Peapack and Berkeley Heights, New Jersey locations as an Advanced Material Company to support high-end electronic, space, aerospace, and defense industries. Novoset, LLC has been collaborating with leading global chemical and parts manufacturing partners creating value for the customers. It is also manufacturing and marketing disruptive technologies such as 3D printing materials for industrial and life science applications.

Further information can be found at [www.novoset.com](http://www.novoset.com).