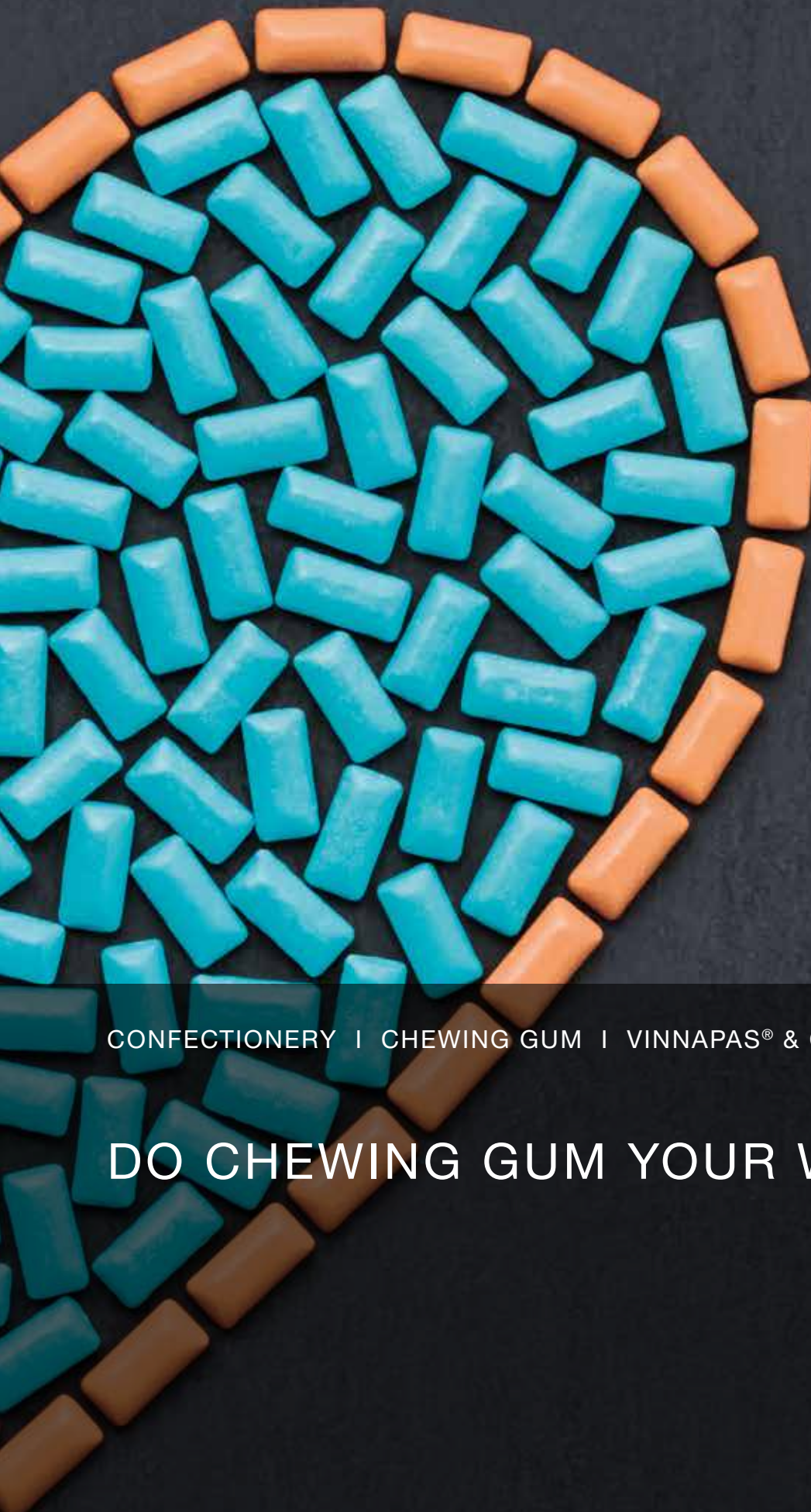


WACKER

CREATING TOMORROW'S SOLUTIONS



CAPIVA®

VINNAPAS®

CONFECTIONERY | CHEWING GUM | VINNAPAS® & CAPIVA®

DO CHEWING GUM YOUR WAY!

MORE THAN 60 YEARS' EXPERIENCE

Polyvinyl acetate (PVAc) produced by WACKER is used throughout the world as an important ingredient in all kinds of modern gum bases.

Innovating for a Sweet Future

For more than 60 years, we have been a reliable partner for, and leading supplier to, the chewing gum industry. Our VINNAPAS® brand food-grade polyvinyl acetate solid resins are key components in a variety of modern gum base grades all around the world. With our innovative CAPIVA® product range, we have developed the next generation of gum resins – allowing for the creation of simplified gum bases and completely new chewing experiences.

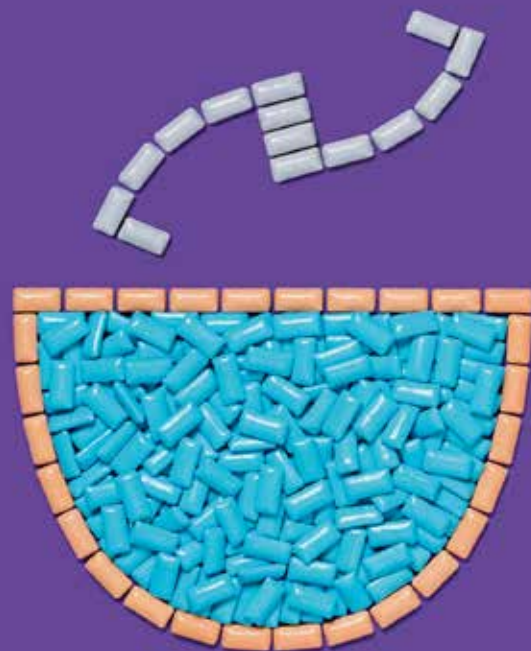
A Unique Package of Expertise and Services

We are a reliable partner accompanying you from development to market success and beyond. We can offer our extensive know-how in the formulation, production and analysis of gum base and chewing gum. Our gum lab enables us to collaborate with you on product formulation and optimization, from gum base to high-quality end products.

Did You Know?

- We are the leading supplier of resins to the global chewing gum industry.
- We have two state-of-the-art PVAc production facilities in Germany and China.
- We produce according to very high international quality and food safety standards, e.g. FSSC 22000 and HACCP.





VINNAPAS® AND CAPIVA® S – MIXING GUM BASE THE EASY WAY

To meet our customers' needs, we offer different grades of high-performance gum base resins. VINNAPAS® PVAc has been used by generations of chewing gum manufacturers. CAPIVA® S has been developed for simplified gum bases.

VINNAPAS® PVAc: Your Choice for High-Class Gum Base

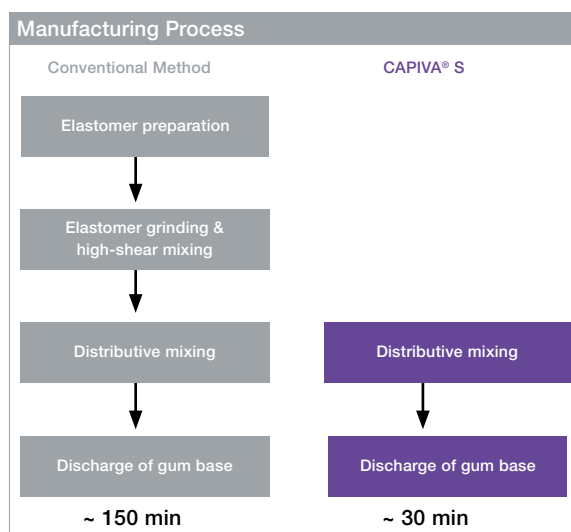
Gum base is the water-insoluble constituent of chewing gum, and acts as a carrier for sugar, sweeteners and flavorings. For over half a century, WACKER has been marketing VINNAPAS® PVAc resins to the chewing gum industry. They are produced by bulk polymerization.

Your Benefits at a Glance:

- Excellent carrier for sugar, sweetening agents and flavorings
- Outstanding properties: high thermal stability, high chemical resistance, good hydrophobic/hydrophilic balance
- No antioxidants required

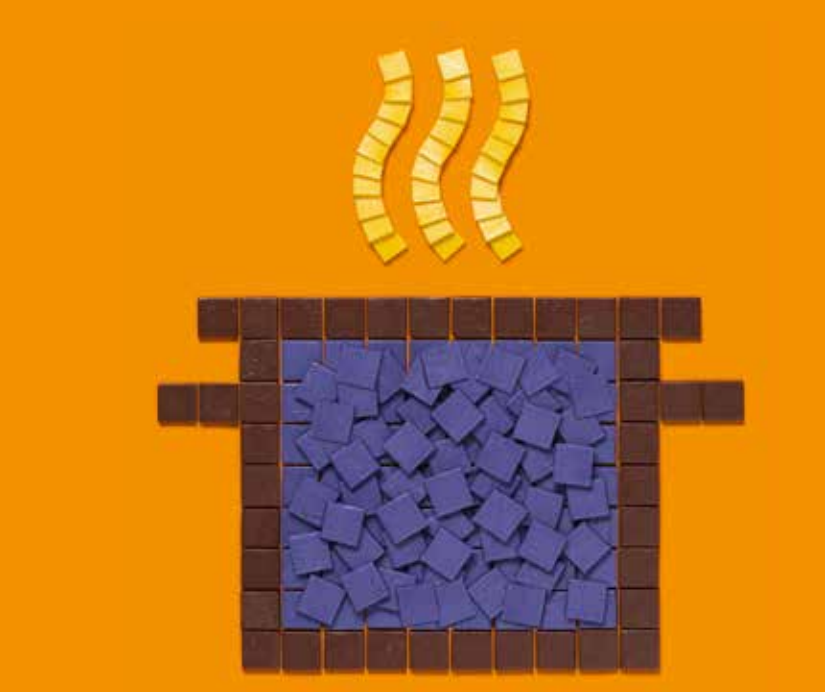
CAPIVA® S Resins: Developed to Simplify Manufacturing

Gone are the days of complex chewing gum production. CAPIVA® S reduces your manufacturing process steps while improving gum base performance.



Your Benefits at a Glance:

- Gum base less complex to make
- Improved manufacturing efficiency
- Possible to replace elastomers and rosins in gum base
- Enhanced flavor profile
- Less plasticizer needed



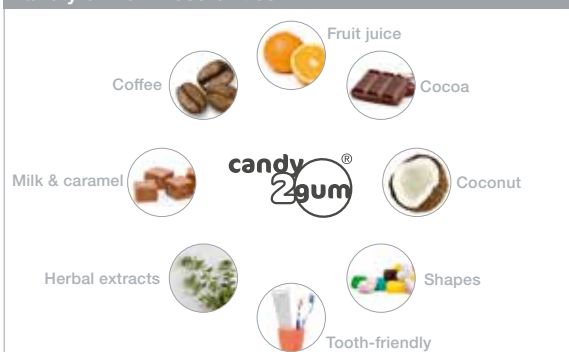
CAPIVA® C 03 – COOK IT, SHAPE IT, CHEW IT

WACKER is changing the game. Our next generation of polymers helps to redesign chewing gum in a new variety of shapes.

Making Chewing Gum As You Would Candies

With this new technology, chewing gum can be produced by using standard candy-confectionery cookers. Since the product is made in a simple boiling process, you can now add water-based, fat-containing and natural ingredients, such as fruit juice, cocoa and coffee. This makes novel sweets with a 2-in-1 effect possible: what begins as a piece of chewy candy turns into chewing gum after a short time. We offer a suitable premix for this: CAPIVA® C 03.

Variety of New Possibilities



Your Benefits at a Glance:

- Designed for a hard and chewy candy process
- Allows the use of fat-based ingredients
- Endless variety of flavors, natural fruit juice, cocoa, coffee etc.
- CAPIVA® C 03: a ready-to-use premix for ease of manufacture

Unlimited Shapes Made Possible by Depositing and 3D Printing

Chewing gum is made using an extrusion process. That is why shapes did not change significantly in the past. CAPIVA® C 03 enables a completely new way to form chewing gum using depositing technology. This increases the creativity of confectionery manufacturers to produce innovative chewing gum which can be deposited in different materials such as starch powder or silicone or plastic molds.

What's more, CAPIVA® C 03 is the world's first premix that makes 3D printing possible. Whether you need a logo or a name, when it comes to personalized chewing gum, CAPIVA® C 03 is ideal for your molds.



Your Benefits at a Glance:

- Ability to make chewing gum in virtually any shape using depositing technology
- Depositing suitable for starch powder or silicone or plastic molds
- World's first formulation for 3D-printed chewing gum
- Chewing gum now possible in customized shapes and forms, e.g. logos

YOU HAVE A VISION ...

... we can help you achieve it by supplying high-quality products and value-added solutions. Get in touch with us. We look forward to talking to you:

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