



Advanced Materials

# Consumer Goods

alphagary



Polymer  
Solutions

- Our facilities in Mexico are designed for the production of PVC compounds and plasticizers for a wide variety of applications, with onsite R&D capabilities to aid in specialized material design.
- Enhance performance features such as UV resistance, chemical resistance and fungus resistance available
- REACH, RoHS and Prop 65 compliant grades.
- Advancing Life Around the World in Mexico! We make our processes more efficient and sustainable every year such as in our Altamira facility where we increased our production levels and reduced CO<sub>2</sub> emissions of 1,000 TON CO<sub>2</sub> eq/year.

# Compounds that improve daily life that provide comfort and function

From soft-touch handles that make handling easy from products to household items that keep fresh our materials are found in an infinite number of applications that serve our well-being with ingredients general purpose or food grade, according to the requirements of the final application.

Formulation integrity

Dedicated R&D team

Consistency with every blend

REACH, RoHS and Prop 65 reporting transparency

Regulatory Expertise

Broad polymer selection

## Application examples

Materials designed for a wide variety of applications both extrusion and injection moldings that include PVC and TPE formulations, depending on the need and specification of each client.



Personal care products  
(toothbrushes, razor blades)



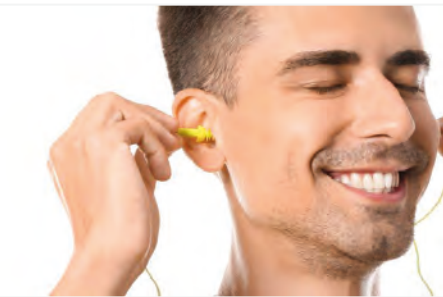
Cap-liner for  
soda, beer



Food storage  
and kitchen  
items



Beverage  
tubing



Skin contact  
products like  
earplugs



Industrial face  
masks





# Consumer Goods Compound Developments

®



## EVOPRENE® TPE compounds for soft-touch grips

EVOPRENE compounds provide elasticity and flexibility, and have the necessary toughness required for personal care items. They can be co-molded over rigid plastics, processed on traditional equipment, and can be colored into bright hues.



## EVOPRENE TPE compounds for baby and toddler products

Baby and toddler applications that involve skin contact such as feeder spouts, eating utensils and pacifiers require materials formulated with food-grade ingredients. Our "R" series of EVOPRENE are ideal for these applications.



## SUPERKLEEN® PVC compounds - keeping beehives healthy

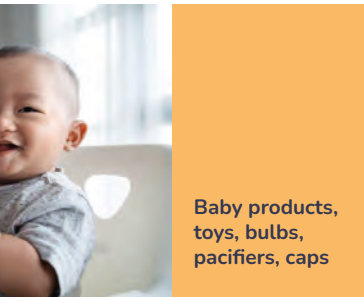
To prevent mite infestation in hives, beekeepers put strips in the hive that deliver necessary mite protection to the beehive without harming the bees or ending up in the honey. SUPERKLEEN – formulated with food-grade ingredients and a bio-based plasticizer was the perfect starting point for this application.



## Introducing EVOPRENE® ECO – TPE compounds with bio-based raw material

Comparing a compound with 25 percent bio-based raw materials against a compound formulated with traditional fossil-based raw materials, we found consistent mechanical properties, good heat resistance and consistent flow characteristics and surface finish.

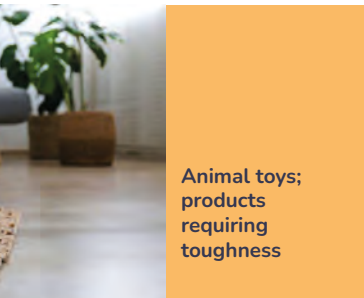
# Materials formulated for Consumer Goods





Baby products, toys, bulbs, pacifiers, caps





Beehive mite protection strips



Animal toys; products requiring toughness

Formulated with General-Purpose Ingredients		
Brand	Region*	Type
FLEXOVIN®	LATAM	PVC compounds – flexible
GEOXPAN®	LATAM	
MEXIVINYL®	LATAM	
SYLVIN®	US, Canada	
VINAPRENE™	Europe, Africa	PVC compounds - rigid
DUROVIN®	LATAM	
VINAPRENE™	US, Canada, Europe, Africa	
INFINITUDE™ 	All	PVC compounds with bio-based / recycled content
EVOPRENE®	All	TPE compounds - flexible (ECO = bio-based/recycled content)
EVOPRENE® ECO 	All	

Formulated with Food-Grade Ingredients		
Brand	Region*	Type
ALPHAMED®	All	PVC compounds – flexible and rigid
ALPHASEAL®	All	
SUPERKLEEN™	All	
EVOPRENE® R 	All	TPE compounds – flexible (ECO = bio-based/recycled content)
EVOPRENE® R ECO 	All	
ALPHASEAL®	All	EVA compounds - flexible

\*Throughout numerous acquisitions, we have bolted-on several product brands and have kept the heritage brand names to support our customers who have approvals with legacy products. Across our sites, we share formulation information and best practice to benefit customers locally.

Since the 1960s, Alphagary has earned its reputation for providing innovative, functional and durable solutions to a broad marketplace, often custom formulating a material to meet end-user and market-specific requirements. **We work with an extensive range of** polymers, giving our global customer base a variety of features to choose from as they create products that we rely upon for safety, health and comfort in our everyday lives.

We are passionate about safety, dedicated to quality, and committed to harnessing the power of material science and innovation to serve customer needs, address world challenges and provide sustainable solutions.



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