

Advanced Materials for Beverages

Liners & Closures

Introduction

Bihani is a leading producer of Closure compounds for metal crowns & plastic closures. We work closely with leading consumer brands to develop innovative solutions that not only meet the current products available in the market but also new age solutions. The company is a member of ISBT, USA which is leading global authority in Beverages.

The Bihani Advantage

- Dedicated & Seperate World class production facility
- State of Art R & D Facilities to develop products or concepts based on customer needs
- Automatic machines sourced from reputed global brands including Coperion, Century & Brabender
- Product virtually "Untouched" by hand, Minimal Manual Handling with installation of Brabender feeders and automatic Up & Down stream
- International Compliances including USFDA & REACH
- Online Product Testing facility available to ensure Consistency
- LSCM trained to work on JIT ensuring Inventory Control at Customer end
- 24 x 7 Customer Support
- Global Reach with distributors & representatives in Asia Pacific, MENA, Africa, Latin America and North America
- Competitive Pricing

Product Range

Closure compounds for Crown Corks

- PVC Based Compounds for Crown Corks
- PVC Free Compound for Crown Corks
- Barrier Compounds
- Oxygen Scavenger Compounds

Plastic CSD Closures

- In Closure liner Compounds

Pioneering Innovation



FlavaLog™

Unique liner compounds produced with Nanotech Materials to Keep natural flavor of beverage during longer storage



BIHANI
GROUP

Product Range

Bihani range of Liner compounds for Crown Corks is specially formulated to meet low liner weights without compromising on the content. The compounds are Mineral Oil Free and are being successfully used at leading bottlers and Brands.

- FG 105**
Food Grade PVC Compound for the out-shell molding process
 BIHANI FG105 is an Enhanced Poly Vinyl Chloride Food Grade for High Performance Liner Application. FG 105 is an enhanced PVC food grade material having excellent process ability and product performance. Liner made from the product exhibits good sealing properties at normal as well as low temperatures and superior barrier properties and excellent softness – impact strength balance offers possibility of good odor retention performance maintained.
 Application: Soft Drinks & Beer Bottles
- FG 102**
The world-wide standard sealing compound for the out-shell molding process
 Enhanced TPE Based Food Grade for High Performance Liner Application. BIHANI FG102 is an enhanced PVC Free food grade material having excellent process ability and product performance. Liner made from the product exhibits good sealing properties at normal as well as low temperatures and superior barrier properties and excellent softness – impact strength balance offers possibility of good odor retention performance maintained.
 Application: Fruit Juices, Soft Drinks & Beer.
- FG 107**
Barrier Compounds
 PVC FREE Compounds designed to meet barrier requirements required in beverages that are susceptible to loss in original taste due to ingress of gases in juices and beers, mainly- but not limited to- Oxygen.
 Application: Fruit juices & Beer
- FG 103**
Scavenger Compounds
 Scavenger compound range supplied by Bihani is enhanced PVC FREE food grade material having excellent processability and product performance. The material has been designed to restrict Oxygen either by neutralizing its effect or preventing its ingress into the bottle.
 Application: Beer
 Bihani range of *Closure compounds For CSD PP Closures* is specially formulated to meet low liner weights. The compound demonstrates very high Gas barrier properties at over 175 Psi & is being successfully used at leading bottlers and Brands.
- FG 108**
The First TPE Compound from India for PP CSD in Closure Liners Application
- FG 109** : is perhaps one of the few commercial grades available today which have been extensively tested for their quality and processability across the continents and by users who are market leaders in Closures. The compound is being successfully used on SACMI Lines.
 Produced using the best raw materials available in Polymer world today, this compound exhibits Excellent Gas Barrier properties. The material has seen tremendous acceptance amongst users.

Product Line

Product Code	Application	Type	Current Equivalents/ Competitive Suppliers
FG 102	ENHANCED PE (PVC FREE) BASED FOOD GRADE FOR HIGH PERFORMANCE LINER APPLICATION	Metal Crown Caps	SVELON 855
FG 105	ENHANCED PVC BASED FOOD GRADE FOR HIGH PERFORMANCE LINER APPLICATION	Metal Crown Caps	INDUSTRY STANDARD
FG 108	TPE SEALING COMPOUND FOR PLASTIC CLOSURES MADE USING GERMAN TECHNICAL COLLABORATION	PP CLOSURES	POLYLINER 582 GRACE 64 42 HA-AL

Bihani Advantage

• Output • Weight • Dimensions • SST • Vacuum • Smell Free • No Taste Variation • No Foreign Particles • GVRT • Adhesion

High Innovation Quotient

Ever Innovating to Meet Changing Dynamics

- FLAVALOQ™ Unique liner compounds produced with Nanotech Materials to keep natural flavour of carbonated beverages during longer storage
- Inherent Oxygen Scavenger Properties based Liner compounds for CSD, PP Closures - FG 108 retains Carbon dioxide for longer storage periods and under aggravated conditions (Upto 175 PSI)
- TPE liner stabilized with FDA Compliant Oxo-Degradable & with Compostable Bio-Additives which will self degrade into soil upon contact of microbes. Liner plays a pivotal role in keeping the taste of the beverage intact; making it Bio Degradable reduces the impact on environment whilst assuring the same beverage experience every time.

Complies to



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