

## SPECIFICATION

|                                            |
|--------------------------------------------|
| <b>Product Name:</b> Gum Base (Bubble Gum) |
| <b>Chemical Formula:</b> N/A               |
| <b>CAS Number:</b> 70892-12-5              |
| <b>Molecular Weight:</b> N/A               |
| <b>Appearance:</b> Pale yellow Color       |
| <b>Odor:</b> Odorless                      |

### Chemical Composition

| Chemical Analysis | Unit | Typical Value                                                                       | Specification |
|-------------------|------|-------------------------------------------------------------------------------------|---------------|
| Moisture          | %    | 0.62                                                                                | <1            |
| Sulphated Ash     | %    | 42.10                                                                               | <44           |
| Softening Point   |      | 60±5°C                                                                              |               |
| Composition       |      | Mixture of Elastomers, Emulsifiers, Resins-30%, Humectants, Fillers & anti-oxidants |               |

### Physical Properties

- Solubility: Water insoluble.
- Physical: Gummy texture

### Shelf Life & Storage

- Shelf Life: 3 years from date of manufacture under recommended storage.

- Storage Conditions: Store in a cool, dry, and well-ventilated area. Recommended storage temperature: 15°C – 25°C. Keep away from direct sunlight and heat sources. Protect from moisture and humidity. Store in original sealed packaging to prevent contamination.

**Applications**

- Use: Gums containing sweeteners, flavors, vitamins, caffeine, or herbal extracts.
- Dosage: Dosage should be optimized during formulation trials and product development.

**Packaging**

- Standard Packing: 25 kg Corrugated Box and 5 kgs on customers request.
- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

\* Specifications are based on the manufacturer's provided specifications.