



NISHKA ALLIANCE LLP.

INCI NAME: Dimethicone and Dimethicone/Vinyl Dimethicone Crosspolymer NISH EL455

NISH EL455 is a cross-linked silicone elastomer, a blend of high molecular weight Dimethicone/Vinyl Dimethicone Crosspolymer in low viscosity Dimethicone.

Benefits:

- It imparts velvety, smooth, powdery finish reducing tackiness in the products.
- It plays the role of excellent sebum absorption for mattifying oily skin.
- It thickens anhydrous and water-in-oil systems, aiding in cold/hot processing.
- It enhances spreadability of the products alongwith long-lasting skin feel and SPF boost in sunscreens.

Applications:

- Color Cosmetics
- Haircare.
- Suncare.
- Skincare

Characteristic Properties:

- | | |
|--------------------|----------------------------|
| • Appearance | Clear Colorless gel |
| • Oduor | Mild Characteristic Oduor. |
| • Viscosity @ 25°C | 300000-500000 cP |
| • Refractive Index | 1.395 – 1.415 |

These figures are only intended as a guide and should not be used in preparing specifications.

Product Safety, Handling and Storage

The product should be stored in cool, dry and dust free place in closed container. It has Shelf life of the product is 36 months from the date of manufacturing. For further query refer material safety data sheets

Packaging:

Available in 100 kg drums and 20 kg carboys.

How to use:

NISH EL455 is dispersed in the oil/silicone phase & then incorporated in formulation. It can be used to make formulations either by hot or cold process.

Important

The data and statements contained herein are based on our research and/or the research of others, and are believed to be accurate. No guarantee of their accuracy is made however, and unless expressly stated in a written contract, the product(s) discussed herein are sold without conditions or warranties, expressed or implied. Purchasers are advised to make their own tests to determine the suitability of this product for their particular purposes. Nothing contained herein shall be construed as a recommendation to use or as a license to operate under or to infringe on any existing patent