



# INDOSIL<sup>®</sup>

Silicones & Speciality Chemicals

## Indo Global Chemicals

Where Science meets Sustainability

## About us

Founded in 1974 in India, Indo Global Chemicals has grown steadily over the past five decades into a trusted and respected name in the **Silicones & Specialty chemicals** industry. With over 50 years of technical, operational and commercial experience in the industry, our goal is to be your quality and trusted partner for all your requirements.

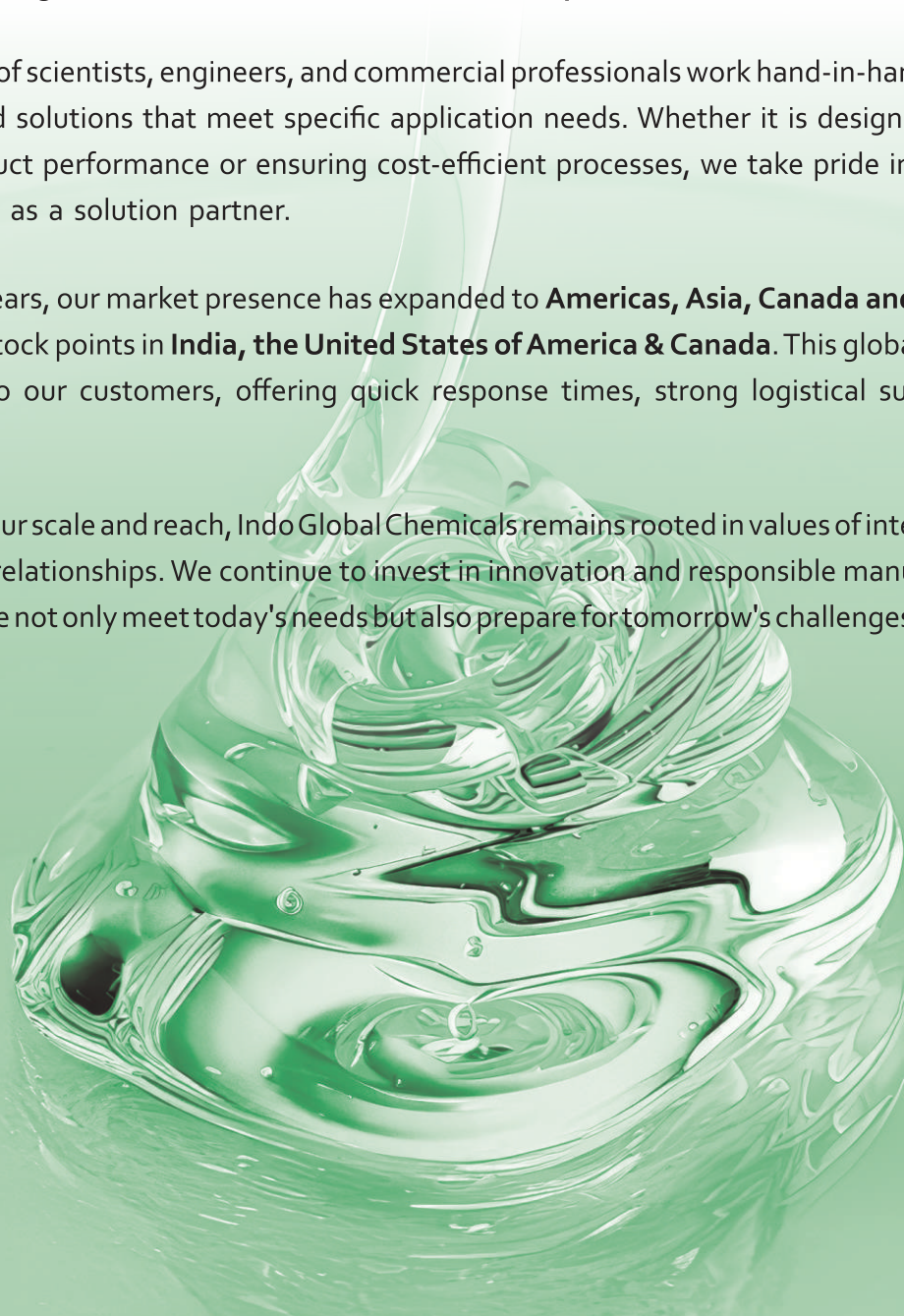
Our main specialty lies in the **Polydimethylsiloxanes (PDMS), Hydroxy terminated polydimethylsiloxane (OH POLYMER)** and a range of related silicone materials. Indo Global chemicals has gained substantial expertise in successfully handling a breadth of chemistries and reagents at lab, pilot and manufacturing scale. With a state-of-the-art facility capable of producing 500 MT per month, we combine technical precision with scale, ensuring consistent availability of high quality products.

Every process, from sourcing to packaging, is guided by stringent quality control systems that meet global standards. This focus on reliability and compliance has earned us the trust of clients across diverse industries including **automotive, construction, Industrial, personal care and textiles**.

Our teams of scientists, engineers, and commercial professionals work hand-in-hand with customers to provide tailored solutions that meet specific application needs. Whether it is designing formulations for improved product performance or ensuring cost-efficient processes, we take pride in being more than a supplier, we act as a solution partner.

Over the years, our market presence has expanded to **Americas, Asia, Canada and Europe** supported by offices and stock points in **India, the United States of America & Canada**. This global footprint allows us to stay close to our customers, offering quick response times, strong logistical support and localised expertise.

Even with our scale and reach, Indo Global Chemicals remains rooted in values of integrity, sustainability, and long-term relationships. We continue to invest in innovation and responsible manufacturing practices, ensuring that we not only meet today's needs but also prepare for tomorrow's challenges.



### Silicone Fluids Dimethicones

**Dimethicones** are a series of fluids with various viscosities and of excellent purity. Chemically known as dimethyl polysiloxane (PDMS), they are completely soluble in all viscosities of dimethyl polysiloxane fluids and useful due to their many benefits.

| Standard Viscosities  |             |             |             |             |              |               |               |               |             |             |
|-----------------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------------|-------------|
| Product Codes         | Indosil 210 | Indosil 211 | Indosil 213 | Indosil 220 | Indosil 2035 | Indosil 20312 | Indosil 20330 | Indosil 20360 | Indosil 1 L | Indosil 3 L |
| Viscosity cSt at 25°C | 50          | 100         | 350         | 1000        | 5000         | 12500         | 30000         | 60000         | 100000      | 300000      |

### Hydroxy terminated polydimethylsiloxane

**Hydroxy terminated polydimethylsiloxane (OH POLYMER)** is a silicone polymer with a hydroxyl group at each end of its molecular chain, making it reactive and useful as a raw material for condensation cure silicone rubbers. These polymers are essential in polyurethane production, reacting with isocyanates to create foams, elastomers, and coatings, and are also used in silicone based adhesives, sealants and other applications where their ability to crosslink and form durable, flexible materials is valuable.

| Standard Viscosities  |             |              |              |              |               |               |               |
|-----------------------|-------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Product Codes         | Indosil 107 | Indosil 1071 | Indosil 1072 | Indosil 1075 | Indosil 10720 | Indosil 10750 | Indosil 10780 |
| Viscosity cSt at 25°C | 750         | 1000         | 2000         | 5000         | 20000         | 50000         | 80000         |

#### PROPERTIES

- Clear and colorless
- Excellent water repellency
- Good dielectric properties
- Heat stable
- High flash point
- Inert, non-corrosive, nontoxic
- Low surface tension
- Resistance to change with changes in temperature
- Resistant to oxidation
- Thermal stability
- Very low vapor pressure

#### APPLICATIONS

- Additive For Textile Fiber Auxiliaries
- Anti-foam Agent
- Dielectric Fluids
- Heat Transfer Agent
- Laboratory Bath Fluid
- Lubricant For Plastic & Rubber Parts
- Polish Additive
- Release Agent

#### INDUSTRIES WE SERVE

- Adhesives & Sealants
- Aerosol & Automotive
- Agro
- Construction
- Cosmetics / Personal care
- Distributors
- Electronics
- Industrial
- Lubricants
- Oil & Gas
- Plastics & Rubber
- Surfactants
- Textile, Leather & Paper

**Packaging:** HDPE Drum, Steel Drum & IBC.

**Note:** Custom viscosities can be made on campaign basis.

\*\*The products have been designed for specific uses only. However any additional responsibilities not explicitly mentioned are not assumed by the seller, will not be liable for any indirect, special, incidental, or consequential damages that may arise as a result of using the product.

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