



**BRB**

Ambition Flexibility Innovation



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# Silicones





## A unique player in the Silicone industry

- **The largest independent silicone producer in the world**
  - Silicone volume: 22,600 MT in 2010
  - Unique buying leverage on raw materials
  - Small compounding units with no overhead costs
  - A solid network of toll manufacturers
  - A constant cost optimization by internal make-or-buy challenge
  - Immune to EUR/USD fluctuations
  - Flexibility: MOQ, package, lead time, labeling...

## A wide range of technologies...

- Silicone Fluids & Polymers
- Silicone Cyclics & Gums
- Silicone MeH Fluid
- Silicone Vinyl Fluids
- Silicone Crosslinkers
- Silicone Polyethers
- Phenyl Modified Fluids
- Silanes



- Polymer Fluid Blends
- Silicone emulsions
- Silicone antifoams
- Silicone Lubricants
- Silicone Elastomers
- Silicone Crosspolymers
- Silicone Resins

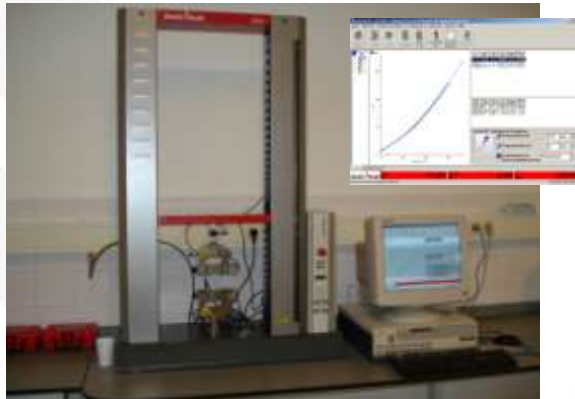
## ...serving many different markets

- Personal Care
- Food & Beverage
- Aerosol
- Graphic Industry
- Construction
- Paints, Coatings & Inks
- Home/Car/Industrial Care
- Water Treatment
- Powder Treatment



- Moldmaking
- Lubricants, Industrial Release
- Petro/Agro/Chemicals
- Oilfield
- Textile & Leather
- Paper & pulp
- Silicone Formulators
- Toll Manufacturing

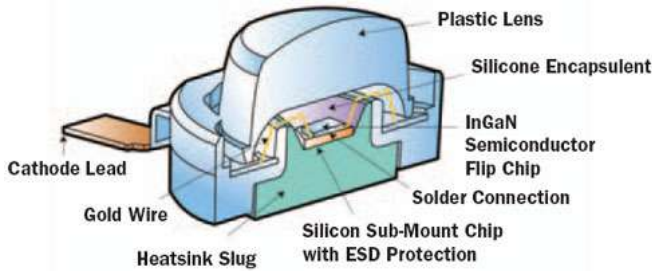
# Innovation is our drive



Particle size - Lab mixer - GPC/HPLC  
Tensiometer - Viscometer

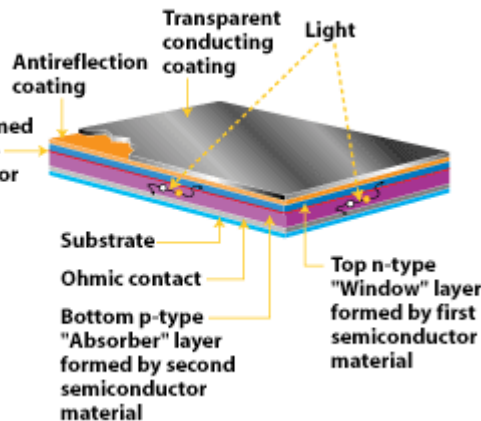


# Examples of new developments



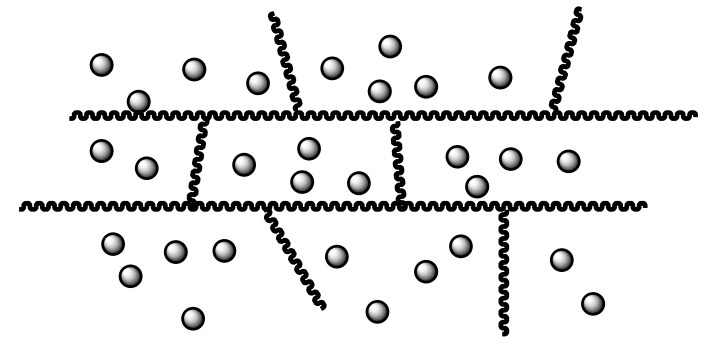
<http://www.electronics-cooling.com/2006/11/thermal-challenges-in-led-cooling/>

**Light Emitting Diode (LED)**



[http://www.daviddarling.info/encyclopedia/T/AE\\_thin\\_film\\_cell.html](http://www.daviddarling.info/encyclopedia/T/AE_thin_film_cell.html)

**Thin Film Solar Cell**



**Silicone Cross Polymers for Personal Care**

**Optical Grade Silicones**

## Our core Silicone formulation know-how

- Emulsions
- Defoamers
- Lubricants
- Personal Care formulation
- RTV-2 compounding
- Synthesis of reactive fluids



- Our philosophy
  - *Any product countertype upon request*
  - *New product development even with small volume targets*

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# BRB

## Your partner in Silicones

### The power of a Silicone Major, The flexibility of a Formulator

**Ambition**

**Flexibility**

**Innovation**





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