

# CREATING SHAPES

**THERMOSETS** 

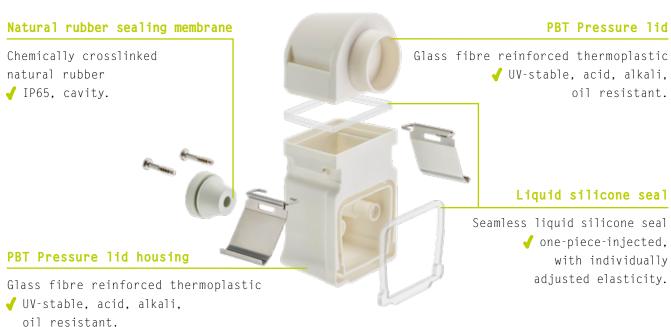
**THERMOPLASTICS** 

**SILICONES** 

**BIOPOLYMERS** 

#### **PRACHT®**

# **ASSEMBLY PRODUCTION**



## **THERMOPLASTIC + SILICONE**







#### **PRACHT®**

#### INHOUSE PLASTIC INJECTION MOLDING

Long term experience in plastics technology.

Since 1953 we are manufacturer for plastic injection molded parts, primary in the electrical and automotive industry and have long-standing expertise in processing with Thermosets and Thermoplastics.

The PRACHT brand also opens up a wide range of possibilities through the company's own development institute. We can also resort to comprehensive, well-founded insights from our own production of quality luminaires which are in use for very demanding occasions and areas.



#### **LATEST TECHNOLOGY**

Our injection molding machines have the ability to work with a closing force from 35 to 220 tons on Thermoplastics and from 80 to 150 tons on Thermosets. The Liquid Silicone machine can be used up to a clamping force of 30 tons.

For tool maintenance, modification or even new construction of tools we are at your disposal with high-performance and reliable toolmakers at any time. Of course we are certified according to DIN EN ISO 9001:2015.

From product development and supplier performance up to production and initial sample test reports as well as series production we are a competent partner for generations.



### HIGHLY SPECIALIZED

The enterprise PRACHT Industry GmbH processes various plastics under the brand PRACHT Engineering Plastics. Examples:

- Thermoplastics (PA, ABS, PBT, PC, POM, TPE)
- Thermosets (PF, UP, MP)
- Elastomers/Liquid Silicone (LSR)
- Biopolymers (NAWAROH®)



#### **ENVIRONMENTAL IDEA**

We do care about the ecological footprint. That is why we have co-developed i.a. NAWAROH® (products made of renewable raw materials) as a result of the collaboration between Prof. Dr.-Ing. Friedhelm Pracht and Prof. Dr.-Ing. Dr. h.c. habil. Andrzej K. Bledzki, University Kassel and Technical Institute Stettin. We also test materials according to customer requirements which are not yet available on the world market. Challenge us!

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# "PASSION FOR PLASTICS, PROFESSION IN ENGINEERING."

Prof. Dr.-Ing. Friedhelm Pracht, 1983