

YOUR CONTACT FOR CUSTOMIZED SILICONES:



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SILICONES

»»»» **ESPECIALLY FOR YOU**





OUR EXPERTISE >>>>>

The Center Smart Materials (CeSMa) at Fraunhofer ISC specializes in developing customized elastomer formulations made of silicone rubber.

CeSMa adapts the characteristics of silicones to the specifications determined by the customer's application.

The experience in the chemical and technical field of elastomer chemistry/smart materials enables CeSMa to develop a wide variety of special silicone formulations.



DEVELOPMENT AND UPSCALING >>>>>

ADJUSTMENT OF MATERIAL PARAMETERS

- ☐ **PROCESSING**
potlife | viscosity
- ☐ **MECHANICAL PROPERTIES**
Young's modulus | viscoelastic properties | fatigue strength
- ☐ **ELECTRICAL PROPERTIES**
conductivity | dielectric strength
- ☐ **OPTICAL PROPERTIES**
transparency | colored silicones
- ☐ **MAGNETIC PROPERTIES**
permeability