



**IMERYS**

## Transforming the performance of **Silicone Sealants**

IMERYS offers an unparalleled range of uncoated and coated Ground Calcium Carbonate (GCC) and ultrafine coated Precipitated Calcium Carbonate (PCC) designed for 1- and 2-component silicone sealant formulations.

### **ImerSeal®**

Combines good rheology, low moisture content and improved storage stability in a highly dispersible product

### **Socal® & Winnofil®**

Confers the right balance of extrusion rate and mechanical properties

### **ImerCarb®**

Is a low-oil-absorption solution providing good compatibility with the catalyst



[imerys.com](http://imerys.com)

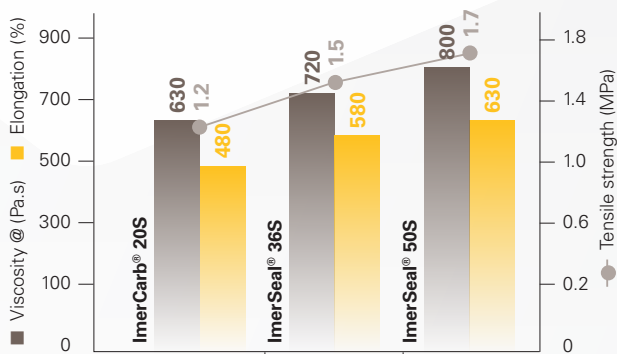
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Together we can select the most appropriate product for your application

## Sealants

We recommend our coated ground calcium carbonates (CGCC) for low-modulus sealants.

- **ImerCarb® 20S** cost-effective, low-oil-absorption CGCC provides good compatibility with the catalyst.
- **ImerSeal® 36S** CGCC combines correct rheology with low moisture content in a highly dispersible product.
- **ImerSeal® 50S** premium CGCC combines excellent rheology with extra low moisture content in a highly dispersible product grade which also provides the best storage stability on the market.

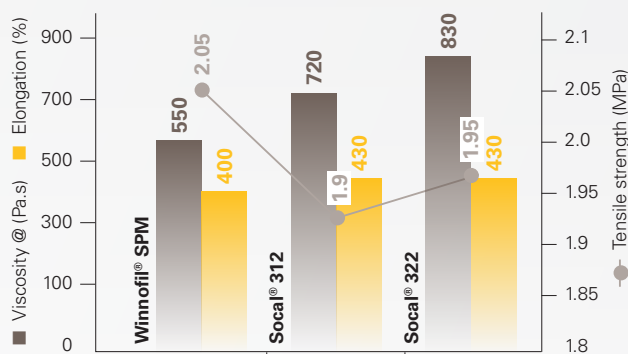


Test performed on a silicone formulation containing 30% GCC and 4.6% fumed silica.

## Elastic Bonding

Our ultrafine coated precipitated calcium carbonates (PCC) are the best choice for medium-modulus elastic bonding applications.

- **Winnofil® SPM** ultrafine coated PCC gives the right balance of extrusion rate and mechanical properties combined with excellent dispersibility and good slump properties.
- **Socal® 312** ultrafine coated PCC confers the right balance of extrusion rate and mechanical properties. At high loading short dispersion times are possible.
- For higher viscosity, we recommend ultrafine coated PCC, **Socal® 322**.



Test performed on a silicone formulation containing 46% PCC.



Rheological properties



Mechanical properties



Storage stability



Dispersibility



Imerys calcium carbonates are suitable for use in neutral alkoxy/oxime silicones.



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