

## Technical Data Sheet

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### CFS-6565, Octaphenylcyclotetrasiloxane

CFS-6565, Octaphenylcyclotetrasiloxane is a siloxane known as phenyl D4 or P4. It is especially suitable for the preparation of heat resistant phenyl silicone fluids and other organic polymers.

#### Typical Properties:

Chemical Name	Octaphenylcyclotetrasiloxane
Cas No	546-56-5
Formula	C <sub>48</sub> H <sub>40</sub> O <sub>4</sub> Si <sub>4</sub>
Color	White
Appearance	Crystal powder
Purity	min 98%
Melting Point	>190°C

#### Applications:

CFS-6565 can be used in antifouling coatings to reduce the surface energy of coatings, increase the flexibility of film and decrease bubbles in the process.

CFS-6565 can be used with vinyl silicone oil for the synthesis of phenyl vinyl silicone oil. It can increase the viscosity, refractive index and heat stability of the finished product. Such phenyl vinyl silicone oil is mainly applied in LED encapsulation.

CFS-6565 can be used as a raw material for the synthesis of organic silicone products and pharmaceutical intermediates.

#### Packaging:

CFS-6565 is offered in 25L carbon drums and 100L carbon drums.

Please contact Co-Formula team for any special packaging request.

#### Storage:

CFS-6565 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-6565 should be stored in its original containers and used up asap after opening.

When stored in a strictly sealed and unopened container, CFS-6565 has a shelf life of 12months.