



# INNOVBLEN

## Technical Data List

Product Type: SFR-Si908

Brand: INNOVBLEN YIMA

Application: Transparent PC phenyl-based organosilicone flame retardant synergist

### Features and benefits:

- High transmittance ,and low haze ,applied in PC
- Good brightness and smoothness
- Excellent heat resistance with 5% TGA 380℃

### Composition:

- Octaphenylcyclotetrasiloxane
- $((\text{ph})_8\text{Si}_4\text{O}_4)_n$

### Typical physical properties

Physical properties	value	unite
morphology	Micro-crystalline powder	
color	White to off-white	
Effective component content	99.6	%

### Overview:

- YIMA SFR-Si908 is a phenyl organosilicone flame retardant synergist ,which is recommended for use in both transparent and no-transparent flame retardant PC,exhibiting excellent flame retardant synergy. In transparent flame retardant applications of PC SFR-Si908 enables the production with high light transmittance and low haze.

### Application instructions:

- In PC flame retardant systems, SFR-Si908(0.5-1%) needs to be used in conjunction with other types of flame retardant ,such as sulfonate -based or phosphazene-based types,to achieve better flame retardant effects. During the processing ,it is important to ensure that \ SFR-Si908 is thoroughly mixed with PC, to guarantee the flame retardant performance.

### Storage and Shelf life

- SFR-Si908 should be stored under 60℃(140°F)in a sealed condition ,shelf life is 24 months

### Package

- 25KG paper drums