

INNOVBLLEN

Technical Data List

Product Type: SFR-Si907

Brand: INNOVBLLEN YIMA

Application: organosilicone flame retardant synergist

Features and benefits:

- Synergistic flame retardancy in various resins, eg PC、PA、PBT ect
- Anti-dripping synergist
- Enhance flame retardant stability

Composition:

- $(R_2SiO)_x(RSiO_{3/2})_y$
Phenyl Silsesquioxane, Hydroxy-terminated

Typical physical properties

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

Overview:

- YIMA SFR-Si907 is Phenyl Silsesquioxane, Hydroxy-terminated flame retardant synergist, which is recommended for use in various resins, eg PC、PA、PBT ect, exhibiting excellent flame retardant synergy.

Application instructions:

- In the resin flame retardant systems, SFR-Si907(0.5-1%) needs to be used in conjunction with other types of flame retardant, to achieve better flame retardant effects. During the processing, it is important to ensure that SFR-Si907 is thoroughly mixed with the resin, to guarantee the flame retardant performance.

Storage and Shelf life

- SFR-Si907 should be stored under 60℃(140°F) in a sealed condition, shelf life is 24 months

Package

- 25KG paper drums