

# Polyhedral Oligomeric Silsesquioxane (POSS)

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## Description

Product Name : Polyhedral Oligomeric Silsesquioxane (POSS) :  
Equivalent Name : NA  
Cas No.

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## Application

POSS flame retardant is a silsesquioxane with excellent heat resistance, hydrolysis and weather resistance. Recommended for use in PC and PC alloys, dosage 0.08-0.3%.

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## Benefits and Features

- Chemical and thermal properties are very stable, can withstand high temperatures above 400 °C
  - very low dosage
  - environmentally friendly, no bromine, chlorine or phosphorus
  - can be used for ultra-thin products of 1.6mm or less
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## Typical Properties

density 1.26-1.38g/cm<sup>3</sup>  
PH value 6.4-6.8  
Softening point 95°C  
composition 99.9% effective  
5% thermal decomposition temperature ≥450°C

These properties are typical but do not constitute a specification either in part or as a whole.  
Specification data is available on request from sales, customer service or customer technical service.

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## Shipping Information

Transportation classification: No regulated for transportation.  
Packing: 25kg/bag; 750kg/pallet; 15mt/20'FCL

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## More information Please Contact Us

Dongguan Baoxu Chemical Technology Ltd  
Caijing Business Bldg Dongguan CN 523071  
P/WeChat/Skype/Whatsapp +8618566530506  
Tel +86 0769 22821082 US: (213) 632-9361  
<https://www.additivesforpolymer.com>  
Email: [info@additivesforpolymer.com](mailto:info@additivesforpolymer.com)

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