



326 Exchange Drive  
Arlington, Texas 76011  
817-469-7777

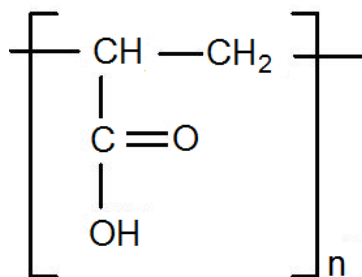
## Product Information: SPI-980

INCI Name: Carbomer

### Description:

SPI-980 is a classical thickening and suspending agent, it is a cross-linked acrylic acid polymer which can be used in systems where sparkling clarity or a sharp viscosity response is required. It can be used widely in cosmetic and personal cares such as shampoos, hair styling gels, hydroalcoholic gel, moisturizing gel, shower gels, body lotions, creams, etc.





### Molecular Structure:



Specification	Typical Properties
Odor	Slightly Acetic
Appearance @ 25°C	White Powder
pH @ 25°C	2.7-3.5
Viscosity* (0.2%, mPa·s)	13,000 – 30,000
Viscosity* (0.5%, mPa·s)	40,000 – 60,000
Loss on Drying	2.00% Max
Clarity (420 nm, 1 cm)	85% Min
Total Heavy Metals (as Pb)	20 ppm Max

\* Brookfield RVT 20 RPM, neutralized solution @ 25°C

### Benefits:

-  Favorable clarity in clear formulation
-  Strong suspending power with high yield value
-  Form clear hydroalcoholic gels
-  Benzene free

### Shelf Life & Storage:

Store in dry place at room temperature in tightly closed container. 24 months from the manufacturing date.

### Packaging:

20 kg/ carton

This information is believed to be accurate and is intended for general guidance. It should not be construed as a guarantee of its suitability for a particular application. Silicones Plus, Inc. offers no warranties, either expressed or implied, nor is freedom from any patent owned Silicones Plus or others implied; neither is liability accepted for errors or omissions in the information. Typical properties of products are given for guidance only and do not necessarily represent manufacturing specifications.