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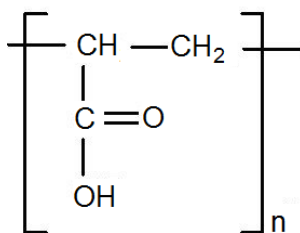
## Product Information: SPI-940

INCI Name: Carbomer

### Description:

SPI-940 is a homo-polymer of acrylic acid cross-linked with ethers of pentaerythritol and offers performance properties similar to Carbomer 980. As traditional rheology modifier, SPI-940 could be utilized in a wide variety of personal care products to deliver exceptional thickening and suspending power forms sparking clear water or hydroalcoholic gels and creams. 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
Residual Solvents	0.45% 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
- ✿ Years of successful use in personal care products
- ✿ Shear tolerance

### Shelf Life & Storage:

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

### Packaging:

20 kg/ carton

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