



Classic Distributing Company

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TECHNICAL BULLETIN

Carbomer 940

Chemical Name: Carbomer 940
CAS Number: 9003-01-4

SPECIFICATIONS:

Appearance @ 25°C	Fine, white powder
pH of 0.5% Solution @ 25°C	2.7 to 3.3
Clarity of Neutralized Solution	80% minimum
Viscosity (cps) of Neutralized Solution @ 25°C	
0.2% Solution	15,000 to 30,000
0.5% Solution	45,000 to 70,000
Carbon	47.0 to 50.8%
Hydrogen	5.0 to 6.2%
Equivalent Weight	69-78
Loss on Drying (Dry for 3hrs @ 105°C)	2.0% Maximum

APPLICATION:

Carbomer 940 is a polyvinyl carboxy polymer used as a viscosity enhancer or gelling agent. Carbomer 940 is crosslinked with either of pentaerythritol. It is used primarily in systems where sparkling clarity of a sharp viscosity response is required.

Classic
Fine Ingredients

This information is believed to be reliable, but it is not to be construed as a warranty and no patent liability is assumed.