

● Technical Data Sheet 「ST-gel ; G-CR」

Date : Jul 10, 2019

Composition

Gel grade	G-CR
Base film ( Bottom liner )	PET ( Si coated to the side of gel )
Release film ( Top liner )	Blue PE ( Si coated to the side of gel )

<u>Property</u>	Provisional Value
Gel Thickness	0.30±0.15mm , 11.8±5.9mil
AC Impedance (10Hz)	3,000 Ω MAX
Adhesion (90 degrees)	300 g / 20 mm ( = 0.79 inch ) MAX
Gel pH	3~7
Residual Monomer Ratio	100 ppm MAX

Property	Test Method
Gel Thickness	Calculate from the total thickness of the gel measured with a thickness gauge.
AC Impedance	Hold gel cut into a size 20 mm sq. between SUS plates. Measure the AC Impedance when applying constant current (10Hz ).
Adhesion (90 degrees)	Cut the gel into sheets, 20mm width. Remove release film and place to bakelite plate. Remove the sample from bakelite plate by pulling 90 degrees upwards from one side with the speed of 300mm/min and measure the load timely. (JIS Z0237)
pH	pH test paper
Residual monomer ratio	Perform quantitative analysis using HPLC.

