

● Technical Data Sheet 「ST-gel ; SRM」

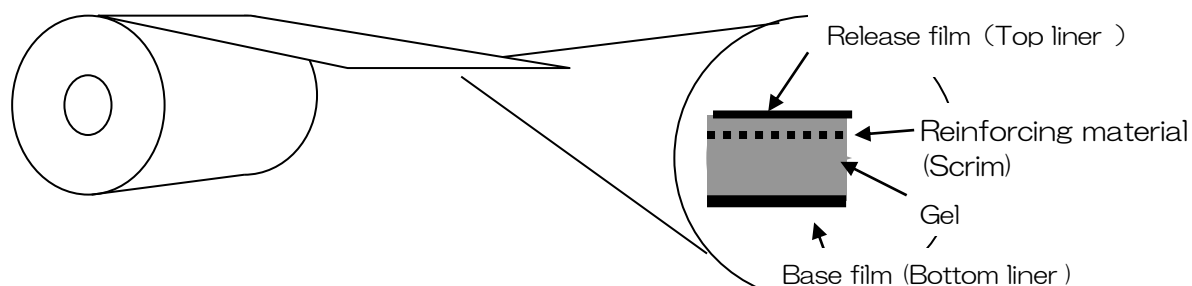
Date : February , 22 2019

Composition

Gel grade	SRM
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 )
Reinforcing material (Scrim)	Non-woven fabric ( PET )

<u>Property</u>	Provisional Value
Gel Thickness	$0.90 \pm 0.15 \text{mm}$ , 35. 4 $\pm$ 5.9mil
AC Impedance (1kHz)	2,000 $\Omega$ MAX
Adhesion (90 degrees)	300 ~ 1 100 g / 20 mm ( = 0.79 inch )
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 20mm(0.79 inch) sq. between SUS plates. Measure the AC Impedance when applying constant current (1kHz).
Adhesion (90 degrees)	Cut the gel into sheets, 20mm(0.79 inch) 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(11.8 inch) / min and measure the load timely. (JIS Z0237)
pH	pH test paper
Residual monomer ratio	Perform quantitative analysis using HPLC.



SRM-002E