

●Technical Data Sheet 「ST-gel ; HIT-B3M」

Chemical Products Development Group

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Composition

Gel grade	HIT
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	0.60±0.15mm , 23.6±5.9mil
AC Impedance (10Hz)	3,000 Ω MAX
Adhesion (180 degrees)	100 ~ 600 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 20 mm sq. between SUS plates. Measure the AC Impedance when applying constant current (10Hz).
Adhesion (180 degrees)	T-peel from polyester film (without a silicone coating).
pH	pH test paper
Residual monomer ratio	Perform quantitative analysis using HPLC.

