GELS

Product	RTV6126	RTV6136	RTV6156	RTV6166	RTV6186	RTV6196
Color	Clear	Clear, Yellow, Blue	Clear	Clear	Clear	Clear
Mix Ratio	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1
Viscosity, cps (@ 25°C/77°F)	750	750	750	750	750	750
Specific Gravity	0.98	0.98	0.98	0.98	0.98	0.98
Refractive Index	1.41	1.41	1.43	1.41	1.41	1.41
Hardness Shore A	6.5	6.0	4.0	6.0	6.0	6.0
Useful Temp. Range °C (°F)	-50 to +204 (-58 to +400)	-50 to +204 (-58 to +400)	-115 to +204 (-175 to +400)	-50 to +204 (-58 to +400)	-50 to +204 (-58 to +400)	-50 to +204 (-58 to +400)
Thermal Conductivity W/m°K	0.19	0.19	0.19	0.19	0.19	0.19
Coefficient of Thermal Expansion cm/cm °C (in/in °F)	27×10^{-5} (15.3×10^{-5})	27×10^{-5} (15.3×10^{-5})	27×10^{-5} (15.3×10^{-5})	27×10^{-5} (15.3×10^{-5})	27×10^{-5} (15.3×10^{-5})	27×10^{-5} (15.3×10^{-5})
Dielectric Strength kV/mm (V/mil)	20.5 (500)	20.5 (500)	20.5 (500)	20.5 (500)	20.5 (500)	20.5 (500)
Dielectric Constant (1 kHz)	2.8	2.8	2.8	2.8	2.8	2.8
Dissipation Factor (1kHz)	0.001	0.001	0.001	0.001	0.001	0.001
Volume Resistivity ohm-cm	1×10^{15}	1×10^{15}	1×10^{15}	1×10^{15}	1×10^{15}	1×10^{15}