Department of Physics

University of Kerala, Kariavattom Campus, Thiruvananthapuram-695581

KERALA

25 -11-2026

Quotation Notice

Quotations are invited for purchasing SYLGARD 184 Silicone Elastomer Kit with following Specifications for research purpose by Department of Physics, University of Kerala, Kariavattom.

1	Name of Item	Supply of, **SYLGARD 184 Silicone Elastomer Kit** for Department of Physics, University of Kerala, Kariavattom Campus.

SYLGARD 184 Silicone Elastomer Kit-**1 no.**

Product Specification			
Color	Colorless	Heat cure time at 100°C	35 min
Operational temperature range	-45 to 200 °C or higher	Heat cure time at 125°C	20 min
Viscosity (Base)	5100 cP	Heat cure time at 150°C	10 min
Viscosity (Mixed)	3500 cP	Dielectric strength	>19kV/mm
Thermal Conductivity (W/m°K)	0.27 or better	Tensile strength	6.7 MPa
Specific Gravity (Cured)	1.03 or higher	Linear CTE (by DMA)	Less than or equal to 340 ppm/°C
Cure time at 25°C	48 hrs	UL RTI Rating	150°C

Quotes should be inclusive of the cost, freight, taxes, etc. The above products should be delivered at the Department of Physics, University of Kerala.

The quotes shall be addressed to **Aiswarya, PI WISE PhD, Department of Physics, University of Kerala, Kariavattom, Thiruvananthapuram, 695581**. Kindly submit lowest quote for the above items on or before on before 04/12/2026 3.00 PM

Aiswarya

Subodh G

Dr. SUBODH G
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