

# HARE SQ™ Properties

## Product Details

Property	KemLab HARE SQ™
Tone	Negative
Max Single Coat Thickness, $\mu\text{m}$	100
Aspect Ratio	10:1
Storage Condition / Shelf Life	15-30°C / 1 yr

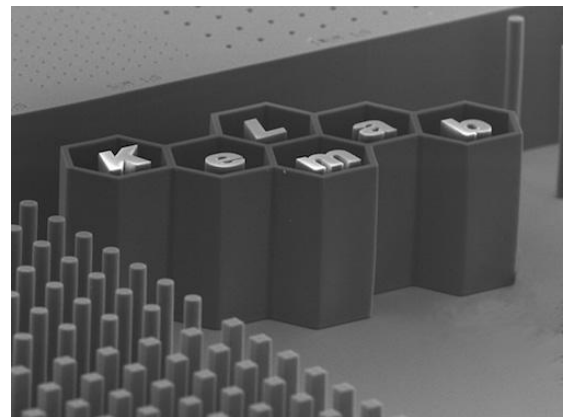
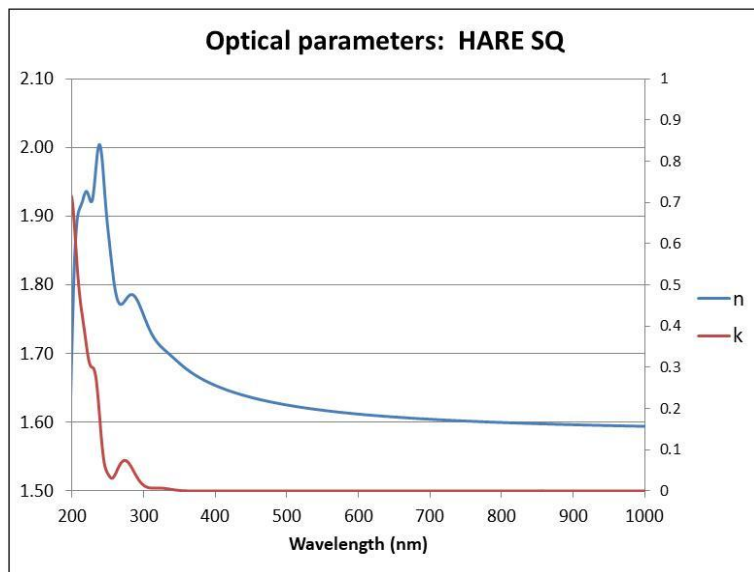
## Mechanical Properties

Property	KemLab HARE SQ™
Softening Point / Tg	210°C
Young's Modulus	2.0 GPa
Coeff. of Thermal Expansion, CTE	52 ppm/°C
Tensile Strength	60 MPa
Thermal Conductivity	0.2 - 0.3 W/m <sup>2</sup> ·K
Thermal Stability	315°C

## Electrical Properties

Property	KemLab HARE SQ™
Dielectric Constant (relative), 1 GHz, 50% RH	4.0
Dielectric Loss, 1 GHz	~0.02
Dielectric Strength (V/ $\mu\text{m}$ )	112
Volume Resistivity ( $\Omega\text{-cm}$ )	~2.5 x 10 <sup>16</sup>

## Optical Parameters



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