

## Silox<sup>®</sup>

<b>Product Name</b>	DS-8100-2H
<b>Product Category</b>	Silicone Resin for Optical Devices
<b>Usage</b>	LED
<b>Function</b>	One Component

Item	Condition	Unit	Typical
<b>Appearance</b>	visual at 25°C	—	Colorless ~light yellow translucent
<b>Static viscosity</b>	E type viscometer at 25°C 1S-1	Pa·s	16.0
<b>Dynamic viscosity</b>	E type viscometer at 25°C 10S-1	Pa·s	5.0
<b>Thixotropic Index</b>	E type viscometer (1S-1/10S-1)	—	3.2
<b>Pot Life</b>	25% tackifying time at 25°C	hour	24
<b>Standard Curing Condition</b>	120°C-1hour + 150°C-3hours		
<b>Cured Appearance</b>	visual at 25°C	—	Colorless translucent
<b>Hardness</b>	JIS K7125 at 25°C	Shore A	約90
<b>Die Share Strength (Si-Ag)</b>	Die Area 2mm×2mm temperature 25°C/150°C	N	70/30
<b>Parallel-ray Transmittance</b>	d=1.0mm Wavelength=400nm	%	84
<b>Thermal Conductivity</b>	Hot wire method	W/mK	0.22

The above values are typical and not specification



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