

Silox[®]

Product Name	XEL-7407A/XEL-7407B
Product Category	Silicone Resin for Optical Devices
Use	LED
Function	Heat Resistance

Item	Condition	Unit	Typical	
			XEL-7407A	XEL-7407B
Appearance	—	—	Clear liquid	Clear liquid
Specific Gravity	25℃	—	1.02	1.01
Viscosity	25℃	mPa·s	7,400	3,900
Mixing Ratio	—	—	100	100
Mixed Viscosity	25℃	mPa·s	5,600	
Gel Time	150℃	minute	about 4	
Standard Curing Condition	150℃	hour	3	
Hardness	—	Shore A	75	
Glass Transition Temperature	TMA	℃	-122	
Tensile Strength	25℃	MPa	7.6	
Elongation	25℃	%	130	
Volume Resistivity	25℃	Ω·cm	10 ¹⁵ 以上	
Sheare Adhesive Strength with PPA	25℃	MPa	5.9	
Characteristics	・nD=1.41~1.42 ・High hardness rubber type, suitable for middle size SMD			

The above values are typical and not specification.



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