

Ultra Clear Liquid Silicone Rubber

Application:

Automotive lighting,
Interior and exterior lighting
light guide



Technical performance

Products Model:		DSA-7165A/B
before curing	Appearance	A: water clear B: water clear
	Specific gravity (g/cm ³)	A/B : 1.08
	viscosity (25°C) mPa.s	A : 65000 / B : 22000
	Mixed viscosity (25°C) mPa.s	42500
curing operation	Mixing proportion(weight)	A:B=1:1
	Available time (25°C)	≤48Hr
	cure condition	120°C×45S
after curing	Hardness(shore A)	70°
	Tensile strength(Mpa)	7.2
	Tear strength(KN/m)	18
	Elongation(%)	240
	Transmitting(%) (450nm, 1mm thickness)	94
	Refractive index	1.41
	feature	High transmittance, UV light resistance, High temperature resistance even above 150 °C, Strong color stability, <1% haze

Application guide

- 1、 recommend the use of special liquid silicone feeding system.
- 2、 recommended for the two vulcanization(150°C×3h or 200°C×2h), so that the gel completely vulcanized, thus stable performance.

Storage condition and packing specific

A,B component separately storage at room temperature,in shady and cool condition with isolate with air , expiration date is: 6 month
20KG/bucket 200KG/ bucket

Mattes need pay attention

- The products forbid to contact the compound with include the elementary such as N,P,S , the organism which including unstaturated bond such as alkynyl ,and ionicity compound which including Sn,Pb,Hg,Bi,As and so on during storage and application,
- Our company organosilicone products develop for generalized industrial application, we can't ensure the products for special condition because of the different equipment, material, and operation methods, plz do all testing before using, then decide the best way of application
- The customer should bear the import and export legal liability for all above organosilicone products , please make sure the country or zone before import or export in advance.