

# Liquid Silicone Rubber

**Product Name:** Liquid Silicone Rubber

**CAS No.:** 112926-00-8

**Product Standard:** Q/HSGY 008-2020

**Appearance:** Light Blue with Slightly Transparent

**Properties and Uses**

It has good fluidity, fast vulcanization, injection molding with good process ability and mechanical property. Suitable for coating materials, coating grade high transparency silicone rubber products such as baby products, kitchenware and swim-ming wears.

**Technological Index:**

Item	Appearance	Part A (mPa• s) 10/S	Part B (mPa• s) 10/S	Density (g/cm <sup>3</sup> ) ±0.02	Hardness (Shore A) ±3	Tensile Strength	Elongation	Tear Strength
						Mpa≥	/%≥	kN/m≥
						Type I		Angle
Standard	T/FSI 011-2017	GB/T 2794-2022	GB/T 2794-2022	GB/T 533	GB/T 531.1	GB/T 528-2009	GB/T 528-2009	GB/T 529-2008
HSL-1120A/B	Light blue slightly transparent	150000~400000	150000~400000	1.1±0.02	20±3	6	750	12
HSL-1125 A/B				1.1±0.02	25±3	6	600	12
HSL-1130 A/B				1.1±0.02	30±3	6	600	25
HSL-1140 A/B		200000~500000	200000~500000	1.12±0.02	40±3	7	450	15
HSL-1145 A/B				1.12±0.02	45±3	7	450	20
HSL-1150 A/B				1.13±0.02	50±3	7	350	18
HSL-1155 A/B				1.13±0.02	55±3	8	350	25
HSL-1160 A/B				1.13±0.02	60±3	8	350	25
HSL-1165 A/B				1.13±0.02	65±3	8	250	25
HSL-4520 A/B		20000~50000	≤200		1.11±0.02	37±3	3.5	250

Note: (1) Other specifications will be followed according to contract.

(2) Test condition: properties obtained using part A and part B according to the proportion of 1:1, then well-mixed, moulded 5 minutes at 120°C.

**Package, Storage and Handling**

Component A: White gallon steel drum, net weight 200KG or 20L blue plastic bucket with PE plastic bag inside, net weight 20KG  
 Component B: Blue gallon steel drum, net weight 200KG or 20L white plastic bucket with PE plastic bag inside, net weight 20KG  
 Before using, Please read the Instruction in TDS, SDS and directions on the package. Store the Component A and B separately. From the date of production, it can be stored for six months; suggesting that please use in three months.