

Liquid Silicone Rubber

Product Name:Liquid Silicone Rubber

CAS No.:112926-00-8

Product Standard:Q/HSGY 008-2017

Appearance: Colorless transparent without mechanical impurity

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 swimming wears.

Technological Index:

Item	Viscosity (25°C, 10.0 1/s) /(Pa·s)	Density /(g/cm ³) ±0.02	Hardness (120°C×5min) /(shore A)±3	Tensile Strength /Mpa ≥	Elongation /% ≥	Tear Strength /(kN/m) ≥
HSL-1120A/B	160	1.10	20	6	750	12
HSL-1125A/B	170	1.10	25	6	600	12
HSL-1130A/B	200	1.10	30	6	600	25
HSL-1140A/B	200	1.12	40	7	450	15
HSL-1145A/B	230	1.12	45	7	450	20
HSL-1150A/B	230	1.13	50	7	350	18
HSL-1155A/B	250	1.13	55	8	350	25
HSL-1160A/B	280	1.13	60	8	350	30
HSL-1165A/B	350	1.13	65	8	250	25
HSL-2140A/B	120	1.10	40	6	300	20
HSL-4520A/B	12	1.11	37	3.5	250	8

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

(2) Test condition: properties obtained using set A and set B according to the proportion of 1:1, then well-mixed, moulded 5 minutes at 175°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.