



Product description	SL2551 is addition cure silicone rubber. It is suggested for mold making product offering low durometer for applications requiring greater dimensional stability. SL2551 is a two-component silicone liquid elastomer and will cure sufficiently in 24 hours at 25°C. To achieve faster cure speed, elevated temperatures may be used.
Applications	Molding Ex.) Most suitable in arts, craft, goods on the market
Key performance properties	Suitable to make molds of strictly measured, complicated products.

Typical Property Data

Benefits	– Short curing time – Excellent thermal stability – High stability and flexibility at low temperature		
Typical properties	Property	SL2551A	SL2551B
	Uncured compound		
	Color	Translucent	Transparent
	Viscosity (25 °C, mPa·s) ¹⁾	26,000	8,500
	Mixing ratio (by weight)	10:1	
	Potlife (min)	85	
	Cured compound (10min at 170°C)		
	Specific gravity (25 °C)	1.07	
	Hardness (Shore A)	23	
	Tensile Strength (MPa)	3.5	
	Elongation (%)	500	
	Tear Strength B type (N/mm)	13	
	1) Brookfield Viscometer HADV Type, Spindle No.6, 10 rpm		
	Typical property data values should not be used as specifications.		
Composition	– Silicone polymer – Silica		
How to use	SL2551B should be mixed into the SL2551A just before use in the amount of 100 parts SL2551A to 10 parts SL2551B by weight.		
Features	– Addition cure silicone		

Storage and packaging

Shelf life and storage	Use the product within 12 months from the date of manufacturing. Store in a cool and dry place out of direct sunlight. Keep out of the reach of the children.
Packaging	SL2551A : 20 kg Tin Can SL2551B : 1 kg Tin Can

Remarks

Handling	1) Curing time can be different from temperature ranges.
Precautions	2) If contacts or contains with water, sulfur, nitrogen compounds, organic metallic salts, Sn compounds, phosphorus compounds ,vulcanized rubber, etc. might cause curing faults, careful attention is needed at all times. 3) Keep out of the reach of children. Do not swallow. 4) Do not use heat, open flame, sparks or other sources of ignition. 5) For industrial use only 6) No shock and vibration 7) Store in a cool place out of direct sunlight. When stored at or below 30℃ in the original unopened containers have a useable life of 12 months from the date of production. 8) All parts should be as clean and dry as possible prior to applications. 9) Use product after completely cured. 10) Keep away from ultraviolet light. 11) Wear eye protection and protective glove when handling this product. Maintain adequate ventilation in the work place at all times. 12) Wash thoroughly affected skin areas with mild soap and plenty of water 13) Do not dispose of the emptied container unless the contents have been completely removed and the container has been flushed with a clean neutral solvent and then dried up. 14) Use product within shelf life.
Warranty information	Please read carefully The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use. KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted. KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.
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※ Please refer to MSDS if you want to know more specific usage or caution.
for further information, please see our website, www.kccworld.co.kr

