



SiSiB

Silicone Rubber

Gum

RTV

HTV



LSR

HCE

OH Polymer



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南京西斯博有机硅有限公司
NANJING SiSiB SILICONES CO., LTD.



南京西斯博有机硅有限公司 Nanjing SiSiB Silicones Co., Ltd.

SiSiB SILICONES, a part of PCC group, is one of the leading manufacturers of silicones. It has one major intermediates production site for upstream applications and five downstream production units in China.

With over 20 years' experience in silicones, SiSiB SILICONES offer a complete range of silicone products in the areas of organofunctional silanes (Silane Coupling Agents, Silane Crosslinkers, Silane Blocking Agents), silicone fluids (Straight, Modified), silicone rubbers (Gum, HTV, RTV and LSR), silicone resins and fumed silica. SiSiB SILICONES have been marketed across Europe, America and Asia Pacific, totally over 100 countries.

RESEARCH & DEVELOPMENT

We think R&D as the key to our technology leadership and future markets. To promote the continuous innovation of our technology and process, we also cooperate with several famous universities, like Nanjing University of Chemical Technology, Wuhan University and etc.

QUALITY ASSURANCE

We consider quality control extremely important for a featured producer to provide stable and high-quality products. We possess perfect production facilities, precise testing equipment and large-scale laboratories. Also we take great effort to enhance every employee's awareness of the significance of products' quality. All of these factors guarantee the quality of our products. We have been ISO9001: 2008 certificated by SGS. And we will continue to improve levels of quality-control to meet or even exceed the demands of our customers.

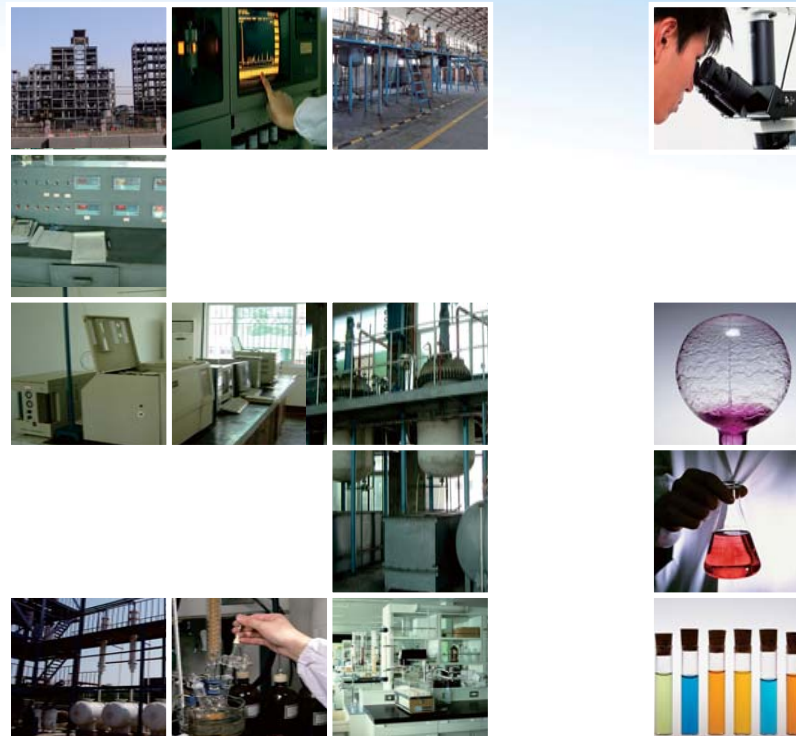
ENVIRONMENT & SAFETY

We usually give top priority to the policy of "safety and environmental protection first" during all the activities. Accordingly, we have adopted many powerful environmental objectives. We not only try our best to economize our energy and material resources, but also continuously improving our process to ensure to meet legal requirements. Now all of our plants have been certified by ISO14001.

QUALITY & LOWER PRICE IS OUR COMMITMENT

SERVING OUR CUSTOMER

Basing on loyalty and honesty, we always hold the aim to satisfy customers with efficient technical support, high quality products and favorable trade terms. You are warmly welcomed to cooperate with us for a brighter future.



Classification	Product	Application	Apperance	Hardness (Shore A)	Willam Palsticity	Tensil Strength (Mpa) Min.	Elongation (%) Min.	Tensil set (%) ≤	Tear strength (kN/m) ≥	Linear shrinkage (%)	Curing agents
High grade molding products	SiSiB® HR0230	Excellent appearance and bound resilience. Suitable for high grade keypads and parts.	Translucent	30±2	155±20	4.5	500	8	12	3.3-3.8	C-8
	SiSiB® HR0240			40±2	160±20	6.5	420	8	16	3.2-3.7	C-8
	SiSiB® HR0250			50±2	200±20	7	320	8	18	3.1-3.6	C-8
	SiSiB® HR0260			60±2	250±30	7	250	6	18	3.0-3.5	C-8
	SiSiB® HR0270			70±2	-	7	200	6	16	2.9-3.4	C-8
	SiSiB® HR0280			81±3	-	6	120	6	16	3.1-3.6	C-8
Economical molding products	SiSiB® HR0290	Economical grade for keypads or parts	Translucent	90±3	-	5	100	8	18	2.8-3.4	C-8
	SiSiB® HR0130			30±2	-	4	500	10	12	3.3-3.8	C-8
	SiSiB® HR0140			40±2	-	6.5	400	10	12	3.2-3.7	C-8
	SiSiB® HR0150			50±2	-	7	300	10	15	3.1-3.6	C-8
	SiSiB® HR0160			60±2	-	6.5	220	8	14	3.0-3.5	C-8
	SiSiB® HR0170			70±2	-	6	150	8	14	2.9-3.4	C-8
High strength products	SiSiB® HR0180	Suitable for cables, wires, kitchenware, protection skin.	Transparent	81±3	-	6	120	6	16	3.1-3.6	C-8
	SiSiB® HR2030			30±2	-	7	750	8	14	-	C-15
	SiSiB® HR2040			40±2	-	8	550	8	18	-	C-15
	SiSiB® HR2050			50±2	-	8	500	8	26	-	C-15
	SiSiB® HR2060			60±2	-	8	400	8	26	-	C-15
	SiSiB® HR2070			70±2	-	7.5	300	8	26	-	C-15
High transparency and high strength products	SiSiB® HR2075	Suitable for baby nipple, tubes, parts.	Transparent	75±2	-	7.5	300	12	26	-	C-15
	SiSiB® HR2080			80±3	-	7.5	200	8	24	-	C-15
	SiSiB® HR2130			30±2	-	7	750	8	14	-	C-15
	SiSiB® HR2140			40±2	-	7	500	8	18	-	C-15
	SiSiB® HR2150			50±2	-	8	550	8	28	-	C-15
	SiSiB® HR2160			60±2	-	8	400	10	26	-	C-15
High tear strength products	SiSiB® HR2170	Suitable for wires and tubes	Transparent	70±2	-	7.5	300	12	28	-	C-15
	SiSiB® HR2180			80±3	-	6.5	250	14	24	-	C-15
	SiSiB® HR2230			30±2	-	6	700	14	22	-	C-15
	SiSiB® HR2240			40±2	-	7	750	14	26	-	C-15
	SiSiB® HR2250			50±2	-	8	550	14	40	-	C-15
	SiSiB® HR2260			60±2	-	8	500	14	40	-	C-15
Extrusion products	SiSiB® HR2270	Suitable for heating-wire	White	70±2	-	8	500	14	40	-	C-15
	SiSiB® HR2360			60±3	-	8	400	8	26	-	C-15
	SiSiB® HR2370			70±3	-	7.5	300	8	26	-	C-15
	SiSiB® HR0650			55±3	-	7	300	8	16	-	C-8
	SiSiB® HR0660			60±3	-	7	300	10	16	-	C-8
	SiSiB® HR0670			70±3	-	6	200	10	16	-	C-8
	SiSiB® HR0760			60±2	-	7	220	10	16	-	C-8
	SiSiB® HR0770			69±3	360±40	6	220	12	15	-	C-8
SiSiB® HR0870	70±3	-	4	200	10	14	-	C-8E			

Classification	Product	Application	Appearance	Hardness (Shore A)	William Palsticity	Tensil Strength (Mpa) Min.	Elongation (%) Min.	Tensil set (%) ≤	Tear strength (kN/m) ≥	Linear shrinkage (%)	Curing agents
Flame-retardant products	SiSiB® HR6030	Fumed-silica grade, suitable for molding and extrusion products	White	30±3	-	2	550	12	6	-	C-8E
	SiSiB® HR6040			40±3	-	3	500	12	10	-	C-8E
	SiSiB® HR6050			50±3	-	3	350	10	10	-	C-8E
	SiSiB® HR6060			60±3	-	4.5	220	12	14	-	C-8E
	SiSiB® HR6070			70±3	-	4	150	8	10	-	C-8E
	SiSiB® HR6080			80±3	-	3.5	200	8	12	-	C-8E
	SiSiB® HR6090			87±3	-	4	60	8	12	-	C-8E
Oil-resistant products	SiSiB® HR6130	Good oil resistant properties	Off-white	30±3	-	2	400	8	8	-	C-8
	SiSiB® HR6150			50±3	-	4	300	8	12	-	C-8
	SiSiB® HR6170			70±3	-	4	150	8	12	-	C-8
Heat resistant products I	SiSiB® HR6251	Below 300°C	T means translucent	50±3	-	8	500	8	22	-	C-15
	SiSiB® HR6261		60±3	-	8	400	8	22	-	C-15	
	SiSiB® HR6271		TR means red	70±3	-	7.5	300	8	22	-	C-15
Heat resistant products II	SiSiB® HR6252	Below 250°C	Translucent	50±2	-	7	320	8	18	-	C-8
	SiSiB® HR6262			60±2	-	7	250	8	18	-	C-8
	SiSiB® HR6272			70±2	-	7	200	8	16	-	C-8
Heat resistant products III	SiSiB® HR6253	Below 315°C	Red	50±2	-	8	300	10	16	-	C-15
	SiSiB® HR6263			60±2	-	8	250	10	16	-	C-15
	SiSiB® HR6273			70±2	-	8	180	10	16	-	C-15
High bound resilience products	SiSiB® HR0550	High-Bound resilience and low permanent set, suitable for seals, long-life keypads and other parts.	Translucent	50±2	-	5.5	250	8	15	-	C-8
	SiSiB® HR0560			60±2	-	7	180	8	14	-	C-8
	SiSiB® HR0570			70±2	-	8	150	8	14	-	C-8
	SiSiB® HR2540		Transparent	40±3	-	6	300	8	16	-	C-15
	SiSiB® HR2550			50±2	-	7	300	8	20	-	C-15
	SiSiB® HR2560			60±2	-	8.5	280	8	24	-	C-15
SiSiB® HR2570	70±2	-	8.5	200	8	26	-	C-15			
Self-lubricated products	SiSiB® HR6320	Suitable for auto parts and seals	Translucent	20±3	-	4	500	8	8	-	C-8
	SiSiB® HR6330			30±3	-	4.5	400	8	12	-	C-8
	SiSiB® HR6340			40±3	-	6	300	8	12	-	C-8
	SiSiB® HR6350			50±3	-	7	250	8	15	-	C-8
	SiSiB® HR6360			60±3	-	5.5	200	8	15	-	C-8
High strength self-lubricated products	SiSiB® HR6321	Suitable for auto parts and seals	Translucent	20±3	-	5	500	8	12	-	C-15
	SiSiB® HR6331			30±3	-	5	400	8	15	-	C-15
	SiSiB® HR6341			40±3	-	7	350	8	20	-	C-15
	SiSiB® HR6351			50±3	-	8	300	8	20	-	C-15
	SiSiB® HR6361			60±3	-	7	300	8	20	-	C-15
High voltage insulator	SiSiB® HR6550	Suitable for HV/Arrester	White	57±3	220±40	4.5	250	8	15	-	C-8BS 0.5%
	SiSiB® HR6560			58±3	250±50	4	250	8	16	-	C-8BS 0.5%
	SiSiB® HR6570			70±5	300±45	4	180	8	12	-	C-8BS 0.9%
Low hardness products	SiSiB® HR6808	Suitable swimming caps and other parts	Translucent	8±2	-	-	-	-	-	-	C-15
	SiSiB® HR6825			25±2	-	5.5	700	10	12	-	C-15
	SiSiB® HR6820			20±2	-	3	700	8	8	-	C-8

Liquid Silicone Rubber (LSR)



Classification	Product	Application	Appearance	Hardness (Shore A)	William palsticity	Elongation (%) ≥	Tensil set (%) ≤	Tear strength (kN/m) ≥	Linear shrinkage (%)
General purpose molding products	SiSiB® LR8020	Excellent appearance and bound resilience. Suitable for high grade keypads and parts	Translucent	20±2	3	500	8	8	2.3~3.0
	SiSiB® LR8030			30±2	4	400	8	12	2.3~3.0
	SiSiB® LR8040			38±2	4	220	8	14	2.3~3.0
	SiSiB® LR8050			50±2	4	180	8	14	2.3~3.0
	SiSiB® LR8060			60±2	4	150	8	14	2.3~3.0
	SiSiB® LR8070			70±3	3	100	8	14	2.3~3.0
High transparency and high strength products	SiSiB® LR8110	Suitable for keypad, seal, baby nipple, feeding bottle, swimming accessories ,kitchenware, parts.. etc	Transparent	10±2	2	750	8	8	2.3~3.0
	SiSiB® LR8120			20±2	5	700	8	12	2.3~3.0
	SiSiB® LR8130			30±2	6	650	8	20	2.3~3.0
	SiSiB® LR8140			40±2	7	600	8	20	2.3~3.0
	SiSiB® LR8150			50±2	8	500	8	30	2.3~3.0
	SiSiB® LR8160			60±3	8	300	8	30	2.2~2.9
	SiSiB® LR8170			70±3	7	200	8	30	2.2~2.9
SiSiB® LR8180	80±3	6	100	8	18	2.2~2.9			
High strength products	SiSiB® LR8210	Suitable for keypad, seal, kitchenware, parts.. etc	Translucent	10±2	2	750	8	8	2.3~3.0
	SiSiB® LR8220			20±2	5	700	8	12	2.3~3.0
	SiSiB® LR8230			30±2	6	650	8	20	2.3~3.0
	SiSiB® LR8240			40±2	7	600	8	20	2.3~3.0
	SiSiB® LR8250			50±2	8	500	8	30	2.3~3.0
	SiSiB® LR8260			60±3	8	300	8	30	2.2~2.9
	SiSiB® LR8270			70±3	7	200	8	30	2.2~2.9
SiSiB® LR8280	80±3	6	80	8	16	2.2~2.9			
High strength self-lubricated products	SiSiB® LR8311	Suitable for auto parts..etc	Translucent	10±2	2	750	8	8	2.3~3.0
	SiSiB® LR8321			20±2	5	700	8	12	2.3~3.0
	SiSiB® LR8331			30±2	6	650	8	20	2.3~3.0
	SiSiB® LR8341			40±2	7	600	8	20	2.3~3.0
	SiSiB® LR8351			50±2	7	500	8	26	2.3~3.0
	SiSiB® LR8361			60±3	7	300	8	26	2.2~2.9
Base compound for silicone ink	SiSiB® LR8650	High brightness and strength	Translucent	50±3	8	500	8	30	2.3~3.0
Base compound for silicone vanish	SiSiB® LR8940	High transparency, strength, good adhesion to glass fiber	Translucent	40±3	5	300	8	12	2.3~3.0

SiSiB SILICONES



Silicone Gum

Product	Terminated group	Molecular Weight (x10000)	Vinyl content (%)	Volatile (%)
SiSiB® SG6051	Methyl	50~70	0.07~0.12	2.5 Max.
SiSiB® SG6061	Vinyl	50~70	0.07~0.12	2.5 Max.
SiSiB® SG6052	Methyl	45~70	0.13~0.20	2.5 Max.
SiSiB® SG6062	Vinyl	45~70	0.13~0.20	2.5 Max.
SiSiB® SG6053	Methyl	45~70	0.21~0.24	2.5 Max.
SiSiB® SG6063	Vinyl	45~70	0.21~0.24	2.5 Max.
SiSiB® SG6054	Methyl	45~59	0.25~0.35	2.5 Max.
SiSiB® SG6064	Vinyl	60~70	0.25~0.35	2.5 Max.
SiSiB® SG6065	Vinyl	45~60	0.60~0.70	2.5 Max.
SiSiB® SG6066	Vinyl	45~60	0.90~1.10	2.5 Max.
SiSiB® SG6058	Vinyl	50~70	0.04~0.06	2.5 Max.

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