

绿色化学创造美好生活
Environmental friendly chemicals create a better life

Wynca 新安

LIQUID SILICONE RUBBER PRODUCTS
液体硅橡胶产品册



新安集团官方微信



新安商城

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浙江新安化工集团股份有限公司
ZHEJIANG XINAN CHEMICAL INDUSTRIAL GROUP CO.,LTD



企业简介 COMPANY PROFILE

- Founded in 1965, listed in Shanghai Stock Exchange in 2001 (stock code 600596)
- Silicones industry started in 1985, from production of Silicon metal to various of silicone downstream products, which is one of the most vertical integrated silicone manufacturers in China.
- We will continue to be a reliable silicone product supplier and solution provider for you from now on.

企业文化 CORPORATE CULTURE

- ◆ **Mission:**
Environmental friendly chemicals create a better life
- ◆ **Vision:**
Committed to become a global leader in the fields of silicon-based new materials and crop protection.
- ◆ **Core Values:**
Customer prior, Contribution oriented, Hard struggle, Co-creating and sharing together.
- ◆ **Spirit:**
Stay exploring, Keep innovating.
- ◆ **Atmosphere:**
Wynca is our family, our school, our stage and our base of well-progress.



Type	Grade name	viscosity (Pa.s 10s-1 at 20 ° C) DIN 53019-1	Appearance	Hardness (Shore A) ISO 48-4	Density (g/cm3) ISO 2781	Tensile strength (mPa) JIS K 6251 Type 1	Elongation at break (%) JIS K 6251 Type 1	Tear strength (N/mrñ) ISO 34-1 Die B/JIS K 6252 Die B/	Application	Remarks
General purpose	WLS-6123/20	A:500/B:460	High Transparency	22	1.09	7.5	860	13	baby care procuct, kitchenware, swimming product, breathing mask	Press cure: 105°C*15min
	WLS-6123/30	A:540/B:500	High Transparency	30	1.1	7.5	740	18		
	WLS-6123/40	A:600/B:560	High Transparency	40	1.11	9.3	680	23		
	WLS-6123/50	A:700/B:650	High Transparency	50	1.12	9.5	600	28		
	WLS-6123/60	A:900/B:800	High Transparency	59	1.13	9.3	550	32		
	WLS-6123/70	A:950/B:900	High Transparency	69	1.14	9.2	460	35		
General purpose	WLS-6120/20	A:500/B:460	Transparent	22	1.09	6.5	800	12	baby care procuct, kitchenware, sealing	Press cure: 105°C*15min
	WLS-6120/30	A:540/B:500	Transparent	30	1.10	7.5	740	18		
	WLS-6120/40	A:600/B:560	Transparent	40	1.10	9.3	680	22		
	WLS-6120/50	A:640/B:600	Transparent	50	1.12	9.3	600	27		
	WLS-6120/60	A:900/B:800	Transparent	60	1.13	9.0	500	32		
	WLS-6120/70	A:950/B:900	Transparent	68	1.14	9	450	35		
General purpose	WLS-6410/25	A:450/B:400	Translucent	25	1.11	5.5	860	12	kitchenware technical parts	Press cure: 105°C*15min
	WLS-6410/30	A:450/B:400	Translucent	30	1.11	6.3	760	14		
	WLS-6410/40	A:450/B:400	Translucent	40	1.12	7	640	20		
	WLS-6410/50	A:450/B:400	Translucent	50	1.12	7	480	22		
	WLS-6410/60	A:450/B:410	Translucent	60	1.12	6	420	23		
	WLS-6410/70	A:600/B:500	Translucent	67	1.13	5.8	300	25		
Self-adhesive	WLS-6A20/45	A:220/B:200	Transparent	45	1.11	5.5	500	24	self-adhesive to materials such as PC/PMMA/PET/PBT and glass.	Press cure: 105°C*15min
	WLS-6A20/50	A:1000/B:1200	Transparent	50	1.13	9	460	27		
	WLS-6A20/70	A:1200/B:1600	Transparent	65	1.14	7	400	32		
High rebounding	WLS-6320/40	A:65/B:70	Transparent	43	1.07	5.1	340	14	Seals, keypad, long-life keypad	Press cure: 105°C*15min
	WLS-6320/45	A:69/B:75	Transparent	46	1.07	5.2	320	15		
	WLS-6320/70	A:290/B:230	Transparent	65	1.1	8	300	33		
Antibacterial	WLS-6129/25	A:500/B:520	A:Transparent/B:Tan	24	1.09	7.8	850	12	baby care procuct, kitchenware	Press cure: 105°C*15min
	WLS-6129/40	A:580/B:620	A:Transparent/B:Tan	40	1.11	8.5	650	22		
	WLS-6129/50	A:600/B:650	A:Transparent/B:Tan	50	1.12	8.5	540	27		
Moulding rubber	WLS-6320/35	A:150/B:120	Transparent	37	1.08	6	420	19	mold making	Mixing ratio A:B=1:1, 105°C*15min
	WLS-6320/35-C	A:10/B:120	Transparent	37	1.08	6	380	19		Mixing ratio A:B=1:10, 105°C*15min
Industrial coating	WLS-6610/50-C	A:0.2/B:80	Translucent	49	1.12	4.3	300	14	Fiberglass Sleeve Coating, Oven Mat Coating	Mixing ratio A:B=2:100, 105°C*15min
	WLS-6621/40-C	A:0.2/B:110	Transparent	37	1.10	5.2	370	13		Mixing ratio A:B=1:1, 105°C*15min
	WLS-6621/30-D	A:30/B:28	Transparent	36	1.07	4.2	340	10		
Textile coating	WLS-6B20/30	A:0.8/B:20	Transparent	32	1.10	5.0	450	7	textile coating	Mixing ratio A:B=2:100, 105°C*15min
	WLS-6621/30	A:0.8/B:15	Transparent	32	1.03	2.0	220	8		
	WLS-6620/45-K	A:0.8/B:80	Transparent	47	1.07	5.3	320	17		

Consumer goods

Grade name	viscosity (Pa.s 10s-1 at 20 °C) DIN 53019-1	Appearance	Hardness (Shore A) ISO 48-4	Density (g/cm3) ISO 2781	Tensile strength (mPa) JIS K 6251 Type 1	Elongation at break (%) JIS K 6251 Type 1	Tear strength (N/mm) ISO 34-1 Die B/JIS K 6252 Die B/	Compression set ISO 815-1 Type A	Press cure VOM (%) GB 28482	Transmittance (%) ASTM D1003	Application	Remarks
TYL-6410/30	A:630/B:590	Translucent	33	1.11	6.5	720	12	-	-	-	kitchenware	Press cure:105°C*15min
TYL-6410/50	A:400/B:400	Translucent	50	1.12	7.5	550	30	-	-	-		
TYL-6421/30	A:550/B:500	Transparent	30	1.1	7	700	13	-	-	-		Press cure:105°C*15min
TYL-6421/55	A:750/B:800	Transparent	50	1.12	10	760	23	-	-	-		
TYL-6421/70	A:2600/B:2700	Transparent	70	1.145	9	550	30	-	-	-		
TYL-6428/55	A:1450/B:1280	Translucent	55	1.14	9.5	720	40	-	-	-	Antibacterial	Press cure:105°C*15min
TYL-6428/60	A:750/B:710	Translucent	60	1.13	9.5	530	27	-	-	-		
TYL-6428/65	A:2500/B:2400	Translucent	65	1.15	11	550	45	-	-	-	sealing ring	Post cure:200°C*2h
TYL-6421/60-F*	A:1100/B:1050	Transparent	61	1.12	8.5	600	35	13%	-	-		
TYL-6421/75-C*	A:1150/B:1100	Transparent	77	1.13	5.5	200	20	-	-	-	baby nipple	Press cure:105°C*15min
TYL-6120/20	A:500/B:500	Transparent	21	1.09	5.5	920	8.5	-	-	-		
TYL-6120/30	A:570/B:520	Transparent	30	1.1	8.5	800	14	-	-	-	feeding bottle, breast pump, straw for feeding bottle	Press cure:105°C*15min
TYL-6120/40	A:603/B:620	Transparent	40	1.12	10	750	18	-	-	-		
TYL-6120/60	A:680/B:650	Transparent	62	1.12	9.5	530	27	-	-	-		
TYL-6120/70	A:810/B:780	Transparent	67	1.13	9.5	480	29	-	-	-	Low VOM	Press cure:105°C*15min
TYL-6D20/20	A:440/B:410	Transparent	22	1.09	7.5	780	12	-	0.35	90		
TYL-6D20/40	A:640/B:620	Transparent	40	1.12	9.5	660	20	-	0.35	90		
TYL-6D20/60	A:680/B:650	Transparent	58	1.13	9	550	30	-	0.35	89		
WLS-6D20/30	A:450/B:400	Transparent	32	1.10	7.5	730	18	-	0.29	90		
WLS-6D20/40	A:550/B:510	Transparent	41	1.11	9.2	630	22	-	0.32	90		
WLS-6D20/50	A:600/B:560	Transparent	50	1.12	9.3	550	27	-	0.33	89		
WLS-6D20/60	A:790/B:750	Transparent	60	1.13	9.0	450	32	-	0.30	88	textile coating	Press cure:105°C*15min
TYL-6B24/35	A:0.6/B:400	Semimatte	37	1.09	5.5	450	11	-	-	-		
TYL-6B20/25-C	A:0.6/B:140	Glossy	29	1.07	5.5	600	13	-	-	-		
TYL-6B12/25	A:0.6/B:14	Glossy	25	1.05	3	300	6	-	-	-		
TYL-6B20/30-C	A:0.9/B:280	Transparent	32	1.09	6	500	7.5	-	-	-	steamer mat, Industrial coating	Press cure:105°C*15min
TYL-6610/30	A:17/B:0.15	Translucent	30	1.08	4.5	450	7.5	-	-	-		
TYL-6621/30	A:0.9/B:11.5	Transparent	32	1.02	2.3	230	6	-	-	-		

Medical care

Grade name	Viscosity (Pa.s 10s-1 at 20 ° C) DIN 53019-1	Appearance	Hardness (Shore A) ISO 48-4	Density (g/cm3) ISO 2781	Tensile strength (mPa) JIS K 6251 Type 1	Elongation at break (%) JIS K 6251 Type 1	Tear strength (N/mm) ISO 34-1 Die B/JIS K 6252 Die B/	Application	Remarks
XHG-6920/30	A:550/B:500	Transparent	32	1.1	7.5	800	15	parts of complicated profile	Post cure:200°C*2h
XHG-6920/40	A:650/B:600	Transparent	40	1.12	10	750	35		Post cure:200°C*2h
XHG-6920/50AB	A:700/B:650	Transparent	50	1.12	10	680	38	catheter, mask, draining ballon	Post cure:200°C*2h
XHG-6920/55AB	A:700/B:650	Transparent	55	1.13	9.5	650	35	mask	Post cure:200°C*2h
XHG-6920/60AB	A:750/B:700	Transparent	60	1.13	9.5	550	30	catheter, mask,	Post cure:200°C*2h
XHG-6920/65AB	A:750/B:700	Transparent	65	1.13	9.5	500	30	mask	Post cure:200°C*2h
XHG-6920/70AB	A:800/B:750	Transparent	70	1.13	9	450	32	mask	Post cure:200°C*2h
TYL-6120/50AB-J	A:590/B:510	Transparent	46	1.11	9.2	680	21.2	swimming cap, swimming goggle strap	Press cure:105°C*15min
TYL-6120/60AB-K	A:810/B:680	Transparent	57	1.13	10.5	640	29.4		
TYL-6410/30AB-C	A:240/B:240	Translucent	31	1.13	6.5	660	18	adult product	Press cure:105°C*15min
TYL-6410/40AB-F	A:15/B:9	Translucent	40	1.14	6.5	350	12		

Silicone gel

Grade name	Viscosity (Pa.s 10s-1 at 20 ° C) DIN 53019-1	Appearance	Density (g/cm3) ISO 2781	Pot life (23°C)	Cure time (100°C)	Penetration (mm/10), DIN ISO 2137	Application
WLS-6920/AB-1K	A:1.15	Transparent	0.98	70 min	10 min	220	Scar stickers, medical dressings, wearable device
	B:1.00	Transparent					
WLS-6920/AB-1W	A:12.5	Transparent	0.98	70 min	10 min	220	
	B:11.0	Transparent					
WLS-6920/AB-2W	A:18.0	Transparent	0.98	70 min	10 min	250	
	B:16.0	Transparent					
WLS-6920/AB-3W	A:32.0	Transparent	0.98	70 min	10 min	200	
	B:15.0	Transparent					
WLS-6920/AB-5W	A:53.0	Transparent	0.98	70 min	10 min	200	
	B:41.0	Transparent					

Electric & Electronic

Grade name	Viscosity (Pa.s 10s-1 at 20 ° C) DIN 53019-1	Appearance	Hardness (Shore A) ISO 48-4	Density (g/cm3) ISO 2781	Tensile strength (mPa) JIS K 6251 Type 1	Elongation at break (%) JIS K 6251 Type 1	Tear strength (N/mm) ISO 34-1 Die B/JIS K 6252 Die B/	Transmittance (%) ASTM D1003	Haze (%) ASTM D1003	Application	Remarks
TYL-6310/40	A:65/B:65	Translucent	40	1.09	5.5	400	12	-	-	keypad	Press cure:105°C*15min
TYL-6310/50	A:440/B:440	Translucent	51	1.13	9	500	18	-	-		
TYL-6320/40A	A:60/B:60	Transparent	40	1.07	8	500	14	-	-	long life keypad	Press cure:105°C*15min
TYL-6320/50A	A:230/B:260	Transparent	47	1.09	7	400	18	-	-		
TYL-6410/50	A:400/B:400	Translucent	50	1.12	7.5	550	30	-	-	sealing ring, gasket, technical parts	Press cure:105°C*15min
TYL-6421/55	A:750/B:800	Transparent	50	1.12	10	760	23	-	-		Press cure:105°C*15min
TYL-6410/70	A:700/B:700	Translucent	66	1.13	6	320	15	-	-	high transparency parts such as nose pads, tablet cover, bluetooth headsets	Press cure:105°C*15min
TYL-6421/70	A:2600/B:2700	Transparent	70	1.145	9	550	30	-	-		Press cure:105°C*15min
TYL-6460/50	A:30/B:30	Transparent	51	1	5.5	280	12	94	0.9		Press cure:105°C*15min

Automotive

Grade name	Viscosity (Pa.s 10s-1 at 20 ° C) DIN 53019-1	Appearance	Hardness (Shore A) ISO 48-4	Density (g/cm3) ISO 2781	Tensile strength (mPa) JIS K 6251 Type 1	Elongation at break (%) JIS K 6251 Type 1	Tear strength (N/mm) ISO 34-1 Die B/JIS K 6252 Die B/	Compression set ISO 815-1 Type A	Application	Remarks
TYL-6820/60	A:880/B:880	Transparent	62	1.13	9.5	530	39	12%	spark plug boot	Post cure:200°C*2h
TYL-6822/50	A:740/B:670	Ivory	50	1.11	8	530	42	12%	oil-bleeding wire harness seal	
TYL-6822/40	A:950/B:920	Ivory	42	1.12	9	690	41	-		
TYL-6827/70	A:840/B:760	Ivory	68	1.13	9	400	45	10%	oil resistant seals	

High voltage insulation

Grade name	Viscosity (Pa.s 10s-1 at 20 ° C) DIN 53019-1	Appearance	Hardness (Shore A) ISO 48-4	Density (g/cm3) ISO 2781	Tensile strength (mPa) JIS K 6251 Type 1	Elongation at break (%) JIS K 6251 Type 1	Tear strength (N/mm) ISO 34-1 Die B/JIS K 6252 Die B/	Breakdown voltage (kV/mm) ASTM D149	Volume resistivity (10^15Ω.cm) IEC 60093	Dielectric loss tangent ASTM D150	Dielectric constant ASTM D150	Tracking resistance IEC 60587	Application	Remarks
TYL-1126/40	A:700/B:700	Grey	38	1.13	9	750	35	22	1	0.002	3	-	cold shrinkable sleeve, termination, joint	Post cure:200°C*2h Press cure:105°C*15min
TYL-1229/40	A:700/B:700	Grey	40	1.13	9.5	800	40	22	1	0.002	3	1A3.5		
TYL-1226/40	A:600/B:600	Grey	38	1.12	9	750	40	22	1	0.002	3	1A3.5		
TYL-1120/40	A:600/B:600	Transparent	40	1.12	9.5	800	40	22	1	0.002	3	1A3.5		
TYL-1329/40	A:150/B:150	Grey	40	1.1	6	500	18	23	1	0.001	3	1A4.5		
TYL-1441/40	A:1200/B:1500	Black	40	1.12	7	650	20	-	-	-	-	-	electrical conductive	Post cure:200°C*2h
TYL-1443/40	A:1200/B:1500	Black	40	1.1	7	700	25	-	-	-	-	-		
TYL-1529/45	A:60/B:60	Grey	42	1.1	5.5	400	15	23	1	0.001	3	1A4.5	insulators	Press cure:105°C*15min
TYL-1126/60	A:900/B:900	Grey	60	1.13	9	600	25	23	1	0.002	3	-	transformers	Post cure:200°C*2h
TYL-1120/30	A:200/B:200	Translucent	31	1.1	5.5	500	15	22	1	0.002	3	-	surge suppressor	

Wire & Cable

Grade name	Viscosity (Pa.s 10s-1 at 20 ° C) DIN 53019-1	Appearance	Hardness (Shore A) ISO 48-4	Density (g/cm3) ISO 2781	Tensile strength (mPa) JIS K 6251 Type 1	Elongation at break (%) JIS K 6251 Type 1	Tear strength (N/mm) ISO 34-1 Die B/JIS K 6252 Die B/	Application	Remarks
TYL-7210/30	A:17/B:0.15	Translucent	30	1.08	4.5	450	7.5	Fiberglass Sleeve Coating	Press cure:105°C*15min
TYL-7221/40	A:0.9/B:65	Transparent	37	1.07	5	500	12		
TYL-7221/65	A:0.4/B:130	Transparent	52	1.06	6	400	15		

Office automation

Grade name	Viscosity (Pa.s 10s-1 at 20° C) DIN 53019-1	Appearance	Hardness (Shore A) ISO 48-4	Density (g/cm3) ISO 2781	Tensile strength (mPa) JIS K 6251 Type 1	Elongation at break (%) JIS K 6251 Type 1	Tear strength (N/mm) ISO 34-1 Die B/JIS K 6252 Die B/	Compression set ISO 815-1 Type A	Thermal conductivity (W/m·K) ASTM E1530	Volume resistivity (Ω·cm) ISO 1853	Application	Remarks
TYL-6733/15AB-E	A:100/B:100	Red	15c ¹	1.21	0.7	250	-	8%	-	-	OA Insulation roller	Post cure:200°C*4h
TYL-6733/20AB	A:100/B:100	Red	22c ¹	1.24	1.4	450	-	8%	-	-		
TYL-6733/30AB	A:100/B:100	Red	32c ¹	1.25	2.5	350	5.5	8%	-	-		
TYL-6734/10AB	A:100/B:100	Black	10	1.13	2	950	-	10%	-	-		
TYL-6735/40AB	A:250/B:250	Red	40c ¹	1.75	1.3	550	4.5	15%	0.6	-	thermal conductive roller, low VOC rubber roller	Post cure:200°C*4h
TYL-6753/40AB	A:200/B:200	Red	40	2.2	1	200	3	25%	1.2	-		
TYL-6541/10AB	A:150/B:150	Black	10	1.01	1	200	-	6%	-	5000	OA liquid conductive rubber roller	Post cure:200°C*4h
TYL-6541/15AB	A:150/B:150	Black	15	1.01	1	200	-	6%	-	5000		
1-Asker C												

Industrial parts

Grade name	Viscosity (Pa.s 10s-1 at 20 °C) DIN 53019-1	Appearance	Hardness (Shore A) ISO 48-4	Density (g/cm3) ISO 2781	Tensile strength (mPa) JIS K 6251 Type 1	Elongation at break (%) JIS K 6251 Type 1	Tear strength (N/mm) ISO 34-1 Die B/JIS K 6252 Die B/	Application	Remarks
TYL-6610/30	A:17/B:0.15	Translucent	30	1.08	4.5	450	7.5	industrial coating	Press cure:105°C*15min
TYL-7221/40	A:0.9/B:65	Transparent	37	1.07	5	500	12		
TYL-7221/65	A:0.4/B:130	Transparent	52	1.06	6	400	15		



WYNCA GROUP
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SITES OF SILICON-BASED MATERIALS

