



COMMON SILICONE RUBBER FOR MOLDING

Characteristics: Compliance with FDA, good physical and mechanical properties, good processability.

Main Applications: Keypads, sealing rings and sealing gaskets.

Model	Appearance	Hardness	Tensile Strength	Elongation at Break	Tension	Set	Tear Strength	Compression Set	Rebound Resilience
NE-7125	Milk-white, /light yellow	25±2	3.5	700	8		10	/	/
NE-7130	Milk-white, /light yellow	30±2	6.0	500	7		15	50	60
NE-7140	Milk-white, /light yellow	40±2	6.5	420	7		16	30	60
NE-7150	Milk-white, /light yellow	50±2	7.5	320	8		18	30	60

NE-7160	Milk-white, /light yellow	60±2	7.5	280	8	18	30	50
NE-7170	Milk-white, /light yellow	70±2	7.0	200	7	17	30	45
NE-7180	Milk-white, /light yellow	80±2	7.0	150	6	16	30	45
NE-7190	Milk-white, /light yellow	86±2	4.0	80	6	10	30	40

COMMON SILICONE RUBBER FOR Extrusion

Characteristics: Compliance with FDA, good physical and mechanical properties, good processability.

Main Applications: Common silicone rubber tubes, shaped strips and foam strips, etc.

Model	Appearance	Hardness	Tensile Strength	Elongation at Break	Tension Set	Tear Strength	Compression Set	Rebound Resilience	Volume resistivity	Dielectric strength
NE-7240	Milk-white, /light yellow	40±2	6.5	450	10	16	40	60	1.0×10 ¹⁴	18
NE-7250	Milk-white, /light yellow	50±2	7.5	400	10	18	35	50	1.0×10 ¹⁴	18
NE-7260	Milk-white, /light yellow	60±2	7.5	320	10	20	35	50	1.0×10 ¹⁴	18
NE-7270	Milk-white, /light yellow	70±2	7.0	250	10	20	35	45	1.0×10 ¹⁴	18
NE-7280	Milk-white, /light yellow	80±2	6.5	150	8	18	30	45	1.0×10 ¹⁴	18

Economic Silicone Rubber for Molding and Extrusion

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ECONOMIC SILICONE RUBBER FOR MOLDING

Characteristics: Good processability.

Main Applications: Common silicone rubber products and miscellaneous parts, especially pigmented products, silicone keypads.

Model	Appearance	Hardness	Tensile Strength	Elongation at Break	Tension Set	Tear Strength	Compression Set	Rebound Resilience
NE-5140	milk-white, light yellow, light gray	40±2	6.5	420	8	16	40	60
NE-5150	milk-white, light yellow, light gray	50±2	7.0	320	8	18	35	50
NE-5160	milk-white, light yellow, light gray	60±2	7.0	280	8	18	35	50
NE-5170	milk-white, light yellow, light gray	70±2	6.5	200	8	16	30	45
NE-5180	milk-white, light yellow, light gray	80±2	6.0	150	6	16	30	45

ECONOMIC SILICONE RUBBER FOR EXTRUSION

Characteristics: Good processability.

Main Applications: Low-end miscellaneous extruded silicone rubber products.

Model	Appearance	Hardness	Tensile Strength	Elongation at Break	Tension Set	Tear Strength	Compression Set	Rebound Resilience
NE-5240	milk-white, light yellow, light gray	40±2	6.5	420	10	16	40	50
NE-5250	milk-white, light yellow, light gray	50±2	7.0	320	10	18	35	50
NE-5260	milk-white, light yellow, light gray	60±2	7.0	280	10	18	35	50
NE-5270	milk-white, light yellow, light gray	70±2	6.5	200	10	16	35	45
NE-5280	milk-white, light yellow, light gray	80±2	6.0	150	8	16	30	45

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Translucent Silicone Rubber for Molding and Extrusion

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TRANSLUCENT SILICONE RUBBER FOR MOLDING

Characteristics: Compliance with FDA, good processability and comprehensive physical properties, excellent yellowing resistance, excellent heat resistance at temperature of -50℃ to 200℃.

Main Applications: Various keypads for electronic & electric appliances, electrical insulation components, automotive accessories, industrial & civil seal rings, miscellaneous parts, general industrial & civil silicone rubber products, and translucent articles.

Model	Appearance	Hardness	Tensile Strength	Elongation at Break	Tension Set	Tear Strength	Compression Set	Rebound Resilience
NE-131	Milk-white, /translucent	30±2	6.0	600	6	15	45	60
NE-141	Milk-white, /translucent	40±2	7.0	420	6	19	35	60

NE-151	Milk-white, /translucent	50±2	8.0	350	7	22	30	55
NE-161	Milk-white, /translucent	60±2	8.0	300	7	22	30	50
NE-171	Milk-white, /translucent	70±2	7.5	220	6	20	30	45
NE-181	Milk-white, /translucent	80±2	7.0	180	5	18	25	45
NE-191	Milk-white, /translucent	86±2	4.5	80	6	10	25	40

TRANSLUCENT SILICONE RUBBER FOR EXTRUSION

Characteristics: Compliance with FDA, good processability and comprehensive physical properties, excellent yellowing resistance, excellent heat resistance at temperature of -50°C to 200°C.

Main Applications: All kinds of silicone rubber hoses, catheter, special-shaped rubber strips, foam rubber strips, general industrial and civil silicone rubber products and translucent products.

Model	Appearance	Hardness	Tensile Strength	Elongation at Break	Tension Set	Tear Strength	Compression Set	Rebound Resilience	Volume resistivity	Dielectric strength
NE-251	Milk-white, /translucent	50±2	8.0	400	9	20	30	50	3.0×10 ¹⁴	20
NE-261	Milk-white, /translucent	60±2	8.0	320	9	22	30	50	3.0×10 ¹⁴	20
NE-271	Milk-white, /translucent	70±2	7.5	250	9	20	30	45	3.0×10 ¹⁴	20
NE-281	Milk-white, /translucent	80±2	7.0	160	8	20	25	45	3.0×10 ¹⁴	20

Food Contact Silicone Rubber for Molding

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Characteristics: Compliance with FDA food contact regulations and the requirements for manufacturing of seal ring products for pressure cooker in the hygienic standard GB4806.1, good transparency after vulcanized, good physical & mechanical properties, superior yellowing resistance.

Main Applications: They can be used to manufacture food contact molded silicone rubber products in compliance with FDA standard requirements.

Model	Appearance	Hardness	Tensile Strength	Elongation at Break	Tension Set	Tear Strength	Compression Set	Rebound Resilience
NE-631	milk-white, translucent	30±2	6.0	500	5	14	35	65
NE-641	milk-white, translucent	40±2	6.5	420	5	16	30	60
NE-651	milk-white, translucent	50±2	8.0	320	6	20	30	55
NE-661	milk-white, translucent	60±2	8.0	300	6	20	30	50
NE-671	milk-white, translucent	70±2	7.5	220	5	18	25	45
NE-681	milk-white, translucent	80±2	7.0	180	5	18	25	45