DJSILICONE

Common Grade Silicone Rubber for Molding and Extrusion

Category	Product model	Appearance	Hardness Shore A	Tensile strength Mpa ≥	Elongation at break % ≥	Breaking set % ≤	Tear strength B kN/m ≥	Specific density 25℃ g/cm^3	Dielectric strength kV/mm ≥	Volume resistivity Ω.cm ≥
For molding	NE-7125	Milk-white light yellow	25±3	3.5	700	8	10	1.05±0.05	—	—
	NE-7130		30±3	5.0	450	7	15	1.08±0.05	—	—
	NE-7140		40±3	6.5	400	7	16	1.13±0.05	—	—
	NE-7150		50±3	7.5	320	8	18	1.15±0.05	—	—
	NE-7160		60±3	7.5	280	8	18	1.19±0.05	—	—
	NE-7170		70±3	7.0	200	7	17	1.22±0.05	—	—
	NE-7180		80±3	7.0	150	6	16	1.25±0.05	—	—
	NE-7190		86±2	4.0	80	6	10	1.26±0.05	—	—
For extrusion	NE-7240		40±2	6.5	450	14	16	1.13±0.05	18	1.0×10^{14}
	NE-7250		50±3	7.5	450	14	18	1.18±0.05	18	1.0×10^{14}
	NE-7260		60±3	7.5	360	14	20	1.20±0.05	18	1.0×10^{14}
	NE-7270		70±3	7.0	250	14	20	1.22±0.05	18	1.0×10^{14}
	NE-7280		80±3	6.5	150	10	18	1.25±0.05	18	1.0×10^{14}

This product has good physical and mechanical properties and processability. This product can be divided into two sub-categories: rubber for molding and rubber for extrusion. The rubber for molding is vulcanized with 2,5-Dimethyl-2,5-di(tert-butylperoxy)hexane as vulcanizator, applicable to manufacturing of industrial miscellaneous parts such as keypads, sealing rings and sealing gaskets; and the rubber for extrusion is vulcanized with vulcanizator DCBP (Di-(2,4-dichlorobenzoyl) Peroxide), applicable to manufacturing of various electric wires, cables, hoses and tapes.
Addition of curing agent: liquid 2,5-Dimethyl-2,5-di(tert-butylperoxy)hexane, silicone rubber 0.65%.Test piece vulcanization condition: 175℃×5min.
Related material download:
Material Safety Data Sheet （MSDS）for Silicone Rubberr
RoHS and Other Restricted Substances Test for Silicone Rubber
Substances of Very High Concern Test（SVHC）for Silicone Rubber
Phthalates Test for Silicone Rubber
FDA Test for Common Grade Silicone Rubber for Molding and Extrusion
Common Grade Silicone Rubber for Molding and Extrusion(TDS)