



SILICONE RUBBER											
Name of product	RTV-200	RTV-831	RTV-835	RTV-847	RTV-863	RTV-228	RTV-250/260	RTV-256/264	RTV-891	RTV-896	RTV-899
Colour	translucent	White	Dark Red	White	White	Reddish brown	transparent	transparent	Grey	white/red/trans.	Dark Grey
Ratio	by weight 100/5	100/5	100/5	100/5	100/5	100:100	100/10	100/10	100/100	100/10	100/10
Mix. Visc.	(*CpS)mPa.s 1,3 mio.	50.000	20.000	30.000	45.000	(7500)*	50.000	50.000	50.000	25.000	45.000
Pot life	min 90	60	60	60	60	15-20	90	90	60	60	60
Gel time	min 45	30	30	30	30	15	50	45	30	30	30
Demould time	Hours 12-18	24	24	24	24	2	20	20	16-20	16-24	16-24
Type of curing*	Condensation	Condensation	Condensation	Condensation	Condensation	Addition	Addition	Addition	Addition	Addition	Addition
Density Mixed	g/cm ³ 1,12	1,12	1,5	1,12	1,12	1,08	1,08	1,08	1,08	1,08	1,3
Hardness	Shore A 23	8	55	19	25	28	40	40	25	28	50
Linear shrinkage	% 0,8	0,8	0,5	0,8	0,8	0,1	0,1	0,1	0,1	0,1	0,1
Tensile strength	Mpa 3	1,5	2,5	3,5	4,0	7,5	6,5	5,5	3	7,5	5
Elongation	% 500	600	65	450	500	450	400	380	380	450	300
Tear strength	N/mm 18	18	13	19	21	20	18	14	12	20	8
Shrinkage 40 °C	%										
Shrinkage 60 °C	%										
Expansion 40 °C	%										
Temp. Resistans	°C -50-+120	-50-+120	-50-+350	-50-+120	-50-+120	-70-+200	-70-+280	-50-+220	-50-+220	-70-+220	-70-+220
Pack size	22 kg A + 1,1 kg Cat.	25 kg A + 1,25 kg Cat	25 kg A + 1,25 kg Cat	25 kg A + 1,25 kg Cat	25 kg A + 1,25 kg Cat	25 kg A + 25 kg B	20 kg A+ 2 kg B	20 kg of A + 2 kg of B	20 kg of A + 2 kg of B	25 kg A + 2,5 kg B	25 kg A+ 2,5 kg B
Shelf life	3-6 months	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year
Remarks/Application	Thixotropic rubber	Electronic	Metal casting	Allround.	High Strength	Tampon	Rapid Prototyping	As RTV-250 but with extra release	As RTV-250 but with extra release	High strength	Ceramics moulds

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