

Parker Silicone Compounds made With FDA "White List" Ingredients

Compound	S7317-40	S7561-40	S7318-50	S7405-50	S7435-50	S7469-50	S7311-55
Material	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone
Color	Translucent	White	White	Translucent	Rust	Red	Rust
Durometer +/- 5	40	40	50	50	50	50	50
Tensile	1257	1000	1100	1200	1250	1300	1100
Elongation	638	550	325	400	400	350	300
100% Modulus	111	80	150	150	100	150	300
Specific Gravity	1.14	1.10	1.11	1.13	1.14	1.21	1.21
Compression Set *	12	30	25	20	16	15	20

Compound	S7396-55	S7349-60	S7350-60	S7351F-60	S7354-60	S7355-60	S7359-60
Material	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone
Color	White	Red	Green	White	Blue	White	Black
Durometer +/- 5	55	60	60	60	60	60	60
Tensile	925	1000	1000	950	1200	1100	1100
Elongation	250	300	300	225	350	300	400
100% Modulus	375	300	400	400	350	300	200
Specific Gravity	1.26	1.23	1.27	1.27	1.25	1.34	1.23
Compression Set *	22	25	25	16	20	20	20

Compound	S7413-60	S7526-60	S7314F-70	S7494-70	S7525-70	S7386F-75	S7300F-80
Material	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone
Color	Rust	Yellow	Black	Red	White	White	White
Durometer +/- 5	60	60	70	70	70	75	80
Tensile	1000	850	900	900	850	900	900
Elongation	200	300	150	150	150	100	100
100% Modulus	350	300	450	500	504	700	800
Specific Gravity	1.24	1.23	1.30	1.33	1.33	1.36	1.40
Compression Set *	30	25	25	20	16	20	20

Compound	S7309-80	S7313-80	S7548-80	S7568-80
Material	Silicone	Silicone	Silicone	Silicone
Color	Black	Blue	Blue	Red
Durometer +/- 5	80	80	80	80
Tensile	800	800	800	825
Elongation	100	100	100	100
100% Modulus	500	700	600	700
Specific Gravity	1.42	1.40	1.42	1.39
Compression Set *	25	30	25	25

Parker Organic Compounds made with FDA "White List" Ingredients

Compound	E7110-55	E7190-60	E7182-70	E7752-70	E7893-70	E7925-70	E7871-75
Material	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM	EPDM
Color	Black	Black	Black	Black	Off-White	Black	Black
Durometer +/- 5	55	60	70	70	70	70	75
Tensile	1400	1400	1500	1600	600	1600	1900
Elongation	600	300	300	450	300	100	200
Specific Gravity	1.16	1.17	1.19	1.14	1.42	1.37	1.17
Compression Set *	25	19	20	45	17	8	13
Curative	Peroxide	Peroxide	Peroxide	Sulfur	Peroxide	Peroxide	Peroxide

Compound	E7126-80	E7823-80	E7885-90	V7826-65	V7108-70	V7832-75	V7839-90
Material	EPDM	EPDM	EPDM	Fluorocarbon	Fluorocarbon	Fluorocarbon	Fluorocarbon
Color	Black	Black	Black	Black	White	Black	White
Durometer +/- 5	80	80	90	65	70	75	90
Tensile	1700	1750	1900	1150	2000	1400	1600
Elongation	175	100	100	150	200	250	125
Specific Gravity	1.2	1.17	1.22	1.94	2.11	1.77	2.41
Compression Set *	17	10	27	15	24	8	20
Curative	Peroxide	Peroxide	Peroxide	Bisphenol	Bisphenol	Bisphenol	Bisphenol

Compound	N7068-70	N7747-70	N7747-70	N7212-80	N7219-80	N7203-90
Material	Nitrile	Nitrile	Nitrile	Nitrile	Nitrile	Nitrile
Color	Black	Black	Black	Black	Black	Black
Durometer +/- 5	70	70	70	80	80	90
Tensile	1300	1800	1700	1800	2300	2400
Elongation	500	350	300	150	150	150
Specific Gravity	1.40	1.05	1.27	1.41	1.44	1.32
Compression Set *	21	17	26	13	31	17
Curative	Peroxide	Peroxide	Sulfur	Peroxide	Peroxide	Sulfur

Thermoplastic Elastomer Compounds Made With FDA "White Listed" Ingredients

Compound	ASTM	J7969-55	J7813-55	J7959-64	J7967-64	J7267-73	J7968-73	J7970-80	J7971-87
Material		TPE	TPE	TPE	TPE	TPE	TPE	TPE	TPE
Color		Beige	Black	Beige	Black	Beige	Black	Beige	Beige
Durometer +/- 5	D2240	55	55	64	64	73	73	80	87
Tensile, psi	D412	640	730	1000	1000	1230	1230	1640	2300
Elongation	D412	330	380	400	400	460	520	520	530
Tear	D412	108	108	140	140	159	159	194	278
Specific Gravity	D297	.97	.97	.97	.97	.96	.96	.97	.96
Compression Set *	D395	23	24	23	23	24	23	29	29
Compound	ASTM	J7972-40D	J7973-50D						
Material		TPE	TPE						
Color		Beige	Beige						
Durometer +/- 5	D2240	40D	50D						
Tensile, psi	D412	2650	4000						
Elongation, %	D412	600	600						
Tear	D412	89	514						
Specific Gravity	D297	.95	.95						
Compression Set *	D395	32	41						

**Other compounds available upon request.
Contact the TechSeal Division for further
information.**

* Compression Set 168 Hrs. @ 23°C