

## Silicone Compounds Meeting USP Class VI Requirements

Compound	S7577-40	S7433-50	S7489-50	S7530-55	S7492-70	S7383-80
Material	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone
Color	Translucent	White	Translucent	Translucent	Translucent	White
Durometer +/- 5	40	50	50	55	70	80
Tensile	850	1100	1150	1000	1300	1000
Elongation	700	750	600	350	450	300
100% Modulus	90	125	150	200	400	500
Specific Gravity	1.10	1.12	1.10	1.13	1.15	1.19
Compression Set *	20	20	30	25	20	25

\* Compression Set 22 Hrs. @ 177° C

## Thermoplastic Elastomer Compounds Meeting USP Class VI Requirements

Compound	ASTM	J7919-38	J7976-45	J7976-55	J7737-55	J7902-64	J7974-64	J7876-73	J7975-73
Material		C-Flex	TPE	TPE	TPE	TPE	TPE	TPE	TPE
Color		Opaque	Beige	Beige	Black	Beige	Black	Beige	Black
Durometer +/- 5	D2240	38	45	55	55	64	64	73	73
Tensile, psi	D412	1081	435	680	680	1000	1000	1230	1230
Elongation, %	D412	725	300	400	400	440	440	460	460
Tear	D412	146	120	125	125	140	140	159	159
Specific Gravity	D297	.90	.97	.97	.97	.97	.97	.98	.98
Compression Set *	D395	13	13	23	23	23	23	24	24
Compound	ASTM	J7907-87	J7977-40D	<b>Other compounds available upon request. Contact the TechSeal Division for further information.</b>					
Material		TPE	TPE						
Color		Beige	Beige						
Durometer +/- 5	D2240	87	40D						
Tensile, psi	D412	2300	2200						
Elongation, %	D412	530	525						
Tear	D412	278	359						
Specific Gravity	D297	.96	.95						
Compression Set *	D395	32	41						

\* Compression Set 168 Hrs. @ 23°C

## Organic Compounds Meeting USP Class VI Requirements

Compound	ASTM	E7987-70	<b>Other compounds available upon request. Contact the TechSeal Division for further information.</b>	
Material		EPDM		
Color		White		
Durometer +/- 5	D2240	70		
Tensile, psi	D412	1600		
Elongation, %	D412	150		
100% Modulus, psi	D412	800		
Specific Gravity	D297	1.28		
Compression Set *	D395	10		
Curative		Peroxide		

\* Compression Set 22 Hrs. @ 70°C