

"YAMAMOTO" Foam Rubber - PHYSICAL PROPERTIES

Type of Rubber	#38	#39	#40	#45	#50	#88
	STANDARD	SUPERLIGHT	SUPERSTRETCH	PRO	PRO-X	COMPRESSED
Item						
Density(Spec.Gravity g/cm3)	0,17	0,13	0,17	0,21	0,23	2,15
Insulation(Calories/cm/sec)	6.80×10^{-5}	7.72×10^{-5}	7.01×10^{-5}	6.30×10^{-5}	6.20×10^{-5}	2.86×10^{-5}
Modulus (kg/cm2)						
50%	0,43	0,31	0,35	0,38	0,42	0,76
100%	1,30	0,85	0,86	0,87	0,91	1,86
200%	2,80	2,15	2,23	2,30	2,50	4,80
300%	4,80	4,05	4,14	4,23	4,64	6,24
Elongation(Break point)	513%	520%	620%	720%	710%	312%
Compression Resistance						
50% load (kg/cm2)	2,2	1,78	2,29	2,81	3,02	4,98
Distortion(mm)	0,45	0,55	0,47	0,38	0,39	0,21
Restoration	99,8%	96,1%	97,9%	99,8%	99,8%	100,0%
Water Absorption(by weight)	0,30%	0,30% fai?	0,33%	0,35%	0,36%	0,20%
Ozone Resistance(120 hours)	No Crack	No Crack	No Crack	No Crack	No Crack	No Crack
Oil Resistance						
Weight variation	8,6%	8,7%	8,6%	8,4%	7,9%	5,3%
Volume Variation	2,0%	2,3%	2,0%	1,7%	1,6%	1,1%
Applications	scuba diving kayaking sailing orthopedic supports	surfing triathlon swimming spear fishing	surfing triathlon swimming	free diving spear fishing apnea	spear fishing free diving (for deep water)	dry suits