



Rubber Duro	COLOR* Per ASTM →	DUROMETER Shore A	Typical Values							
			Durometer D-2240	Specific Gravity Lb/ft³ D-297	Tensile Strength PSI D-412	Elongation % D-412	Compression Set % D-395	Tear Resistance PPI D-624 Die B	Temp Range Min//Max °F (°C)	Water Immersion Vol % Chg D-471

NBRs (Nitrile/Buna-N), Sulfur Cured

50	All	50+/-5	50	1.40	1083	784	47	118	-20/230 (-29/110)	+4.0
70	All	70+/-5	70	1.33	1451	381	39	214		+2.0

EPDMs (Ethylene-Propylene-Diene-Monomer), Peroxide Cured

50	All	50+/-5	50	1.12	1126	503	37	178	-20/230 (-29/110)	+4.0
70	All	70+/-5	71	1.18	1544	494	28	215		+2.0

EPDMs High Temperature, (Ethylene-Propylene-Diene-Monomer), Peroxide Cured

70	Black	70+/-5	70	1.17	1697	622	26	193	-67/347 (-55/175)	+4.0
70	White	70+/-5	70	1.14	2598	666	49	411		+2.0

EPDMs (Ethylene-Propylene-Diene-Monomer), Sulfur Cured

50	All	50+/-5	50	1.13	1193	553	44	118	-20/230 (-29/110)	+4.0
70	All	70+/-5	70	1.19	1410	341	40	155		+3.0

VMQs (SILICONE), Peroxide Cured

50	All	50+/-5	50	1.17	1324	610	21	92	-65/400 (-54/204)	0.0
70	All	70+/-5	72	1.20	1068	209	7	76		0.0

VMQs (SILICONE), Platinum Cured

50	PLATINUM	50+/-5	51	1.18	1210	683	25	229	-76/400 (-60/204)	+0.5
80	PLATINUM	80+/-5	79	1.20	1165	694	24	225		+0.1

FKMs (Fluoroelastomer/Viton®), Bisphenol Cured**

55	ALL	55+/-5	59	1.86	1269	297	6	26	0/400 (0/204)	+5.0
70	ALL	70+/-5	72	1.94	2050	207	6	26		+3.0
90	ALL	90+/-5	90	2.32	1501	150	9	26		+4.0

*Color: A = Gray, B = Black, C = Clear, G = Green, K = Khaki (Tan), L = Purple, N = Brown, O = Orange, P = Platinum, R = Red, T = Translucent, U = Blue, W = White and Y = Yellow. Standard color is Black.

** Viton is a registered trademark of DuPont Performance Elastomers.

NOTE: The information contained herein is furnished free of charge and is based on data that G-M-I, Inc. believes to be reliable. It is intended for use by persons having technical skill, at their own discretion and risk. Because conditions of product use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of the information. As with any material, evaluation of any compound under end-use conditions prior to specification is essential. Values are subject to correction and/or revision.

Values not shown are to be determined.

G-M-I, Inc.

4822 East 355th Street, Willoughby, Ohio 44094-4634 USA Telefon: 440-953-8811 Telefax: 440-953-9631

Rev. 04/2017