



## COMPOUND AND SPECIFICATION DATA FOR MASTER SEAL® BLACK NEOPRENE 70 SHORE

TYPICAL PHYSICAL PROPERTIES OF NEOPRENE BLACK  
ASTM D2000 M2BC710 A14, B14, C12, F19, Z1, Z2.

PROPERTY		VALUE	TEST METHOD
BASE MATERIAL		NEOPRENE (POLICHLOROPRENE)	N/A
COLOR		BLACK	N/A
TEST LEVEL		2	GRADE
TEST TEMPERATURE		B 100° C	TYPE
VOLUME SWELL		IRM 903 70 hrs. AT 100C +120	ASTM D 471
DUROMETER		70 (SHORE) A	ASTM D 2240
TENSILE STRENGTH		10 MPA (1450 psi) MINIMUM	ASTM D 412
ULTIMATE ELONGATION		250 % MINIMUM	ASTM D 412
A14	HEAT AGING	70 hrs. @ 100° C Change in hardness, max + 15 Pts Change tensile, max. -15% Change elongation, max -40%	ASTM D 573
B14	COMPRESSION SET	22 hrs. @ 100 ° C MAX 25 %	ASTM D 395 B
C12	OZONE RESISTANCE	70 hrs. @ 50 pphm 38° C 100% quality retention	ASTM D 1171
F19	LOW TEMPERATURE BRITTLINESS	3 MINUTES @ -55° C PASS	ASTM D 2137A, 9.3.2
Z1	TARGET HARDNESS	70 +/- 5 SHORE A	ASTM D 2240
Z2	SPECIFIC RUBBER	CHLOROPRENE	PASS

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Specifications subject to change without notice.