



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

**TYPICAL PHYSICAL PROPERTIES OF EPDM  
ASTM D2000 M3BA710 A14, B13, C12, F19, Z1, Z2, Z3, Z4, Z5.**

PROPERTY		VALUE	TEST METHOD
BASE MATERIAL		CROSS LINKED EPDM ETHYLENE PROPYLENE DIENE TERPOLYMER	N/A
COLOR		BLACK	N/A
TEST LEVEL		3	GRADE
TEST TEMPERATURE		B 100° C	TYPE
VOLUME SWELL		NO REQUIREMENT	CLASS
DUROMETER		70 +/- 5 (SHORE)	ASTM D 2240
TENSILE STRENGTH		8 MPA (1450 psi) MINIMUM	ASTM D 412
ULTIMATE ELONGATION		250 % MINIMUM	ASTM D 412
A14	HEAT AGING	70 hrs. @ 100° C Change in hardness + 10 Pts Change tensile max. -25% Change elongation -25%	ASTM D 573
B13	COMPRESSION SET	22 hrs. @ 70 ° 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	CONDUCTIVITY Z1	6 MegaOhms Range 6	PROPRIETARY
Z2	SPECIFIC RUBBER	EPDM	PASS

MASTER SEAL® IS A REGISTRATED TRADEMARK OF THE MANUFACTURER AZTEC WASHER COMPANY, INC.  
Specifications subject to change without notice.