

TYPICAL PHYSICAL PROPERTIES OF MF EPDM: ASTM D2000 M3BA510 A14, B13, C12, F17, Z1, Z2, Z3, Z4, Z5.

PROPERTY		VALUE	TEST METHOD
BASE MATERIAL		CROSS LINKED EPDM	N/A
COLOR		LIGHT GREEN	N/A
TEST LEVEL		3	GRADE
TEST TEMPERATURE		B 100° C	GRADE
VOLUME SWELL		NO REQUIREMENT	CLASS
DUROMETER		50 (SHORE)	ASTM D 2240
TENSILE STRENGTH		9 MPA (1305 psi) MIN.	ASTM D 412
ULTIMATE ELONGATION		400% MINIMUM	ASTM D 412
A14	HEAT AGING	70 hrs. @ 100° C ¹	ASTM D 573
B13	COMPRESSION SET	22 hrs. @ 70° C - Max. 25%	ASTM D 395 B
C12	OZONE RESISTANCE	70 hrs. @ 50 pphm	ASTM D 1171
F17	LOW TEMP. BRITTLENESS	3 MINUTES @ -40° C	ASTM D 2137A, 9.3.2
Z1	TARGET HARDNESS	55+/-5 SHORE A	ASTM 2240
Z2	SPECIFIC RUBBER	EPDM	PASS
Z3	FLAME RESISTANCE	< 3 IN./MIMUTE	UL-94

1. Change in hardness Max +10 pts. Change in tensile Max -25 % Change in ultimate elong. Max -25%

7 ¾ in. (19.7 cm) Base. Overall Height: 4 in. (101 mm)

EPDM: ETHYLENE PROPYLENE DIENE TERPOLYMER

