



COMPOUND AND SPECIFICATION DATA FOR MASTER FLASH® GRAY & DARK GRAY EPDM

TYPICAL PHYSICAL PROPERTIES FOR MF EPDM
ASTM D2000 M3BA509 A14, B13, C12, F17, Z1, Z2, Z3, Z4, Z5, Z6.

PROPERTY		VALUE	TEST METHOD
BASE MATERIAL		CROSS LINKED EPDM ETHYLENE PROPYLENE DIENE TERPOLYMER	N/A
COLOR		LIGHT GRAY & DARK GRAY	N/A
TEST LEVEL		3	GRADE
TEST TEMPERATURE		B 100° C	TYPE
VOLUME SWELL		NO REQUIREMENT	CLASS
DUROMETER		50 (SHORE)	ASTM D 2240
TENSILE STRENGTH		9 MPA (1305 psi) MINIMUM	ASTM D 412
ULTIMATE ELONGATION		400 % 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
F17	LOW TEMPERATURE BRITTLINESS	3 MINUTES @ -40° C PASS	ASTM D 2137A, 9.3.2
Z1	TARGET HARDNESS	55 +/- 5 SHORE A	ASTM D 2240
Z2	SPECIFIC RUBBER	EPDM	
Z3	HORIZONTAL FLAME RESISTANCE	NOT TO EXCEED 3 IN / MINUTE	UL 94

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Specifications subject to change without notice.