

COMPOUND AND SPECIFICATION DATA FOR MASTER FLASH® BLACK EPDM

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 ETHYLENE PROPYLENE DIENE TERPOLYMER	N/A
COLOR		BLACK	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		10 MPA (1450 psi) MINIMUM	ASTM D 412
A14	HEAT AGING	70 hrs. @ 100° C Change in hardness Max +10 pts Change in tensile Max -25 % Change in ultimate elong. Max -25%	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 TEMPERATURE BRITTLENESS	3 MINUTES @ -40° C PASS	ASTM D 2137A, 9.3.2
Z1	TARGET HARDNESS	55 +/-5 SHORE A	ASTM 2240
Z2	SPECIFIC RUBBER	EPDM	PASS
Z3	HORIZONTAL FLAME RESISTANCE	NOT TO EXCEED 3 IN/ MINUTE	ASTM 2240

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Specifications subject to change without notice.