

COMPOUND AND SPECIFICATION DATA FOR MASTER FLASH® COLORED EPDM RUBBER

**TYPICAL PHYSICAL PROPERTIES OF MF EPDM
ASTM D2000 M3BA509 A14, B13, C12, F17, Z1, Z2, Z3, Z4, Z5, Z6, Z7**



PROPERTY		VALUE	TEST METHOD
BASE MATERIAL		CROSS LINKED EPDM ETHYLENE PROPYLENE DIENE TERPOLYMER	N/A
COLOR		VARIOUS	N/A
TEST LEVEL		3	GRADE
TEST TEMPERATURE		B 100° C	TYPE
VOLUME SWELL		NO REQUIREMENT	CLASS
DUROMETER		50 +/- 5 (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 in tensile Max -25 % Change in ultimate elong. -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 SHORE A	ASTM D2240
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.