



COMPOUND AND SPECIFICATION DATA FOR MASTER FLASH® EPDM BLACK 70 SHORE

TYPICAL PHYSICAL PROPERTIES OF MF EPDM
ASTM D2000 M3BA710, A14, B13, C12, F19, Z1.

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		70 (SHORE)	ASTM D 2240
TENSILE STRENGTH		10 MPA (1450 psi) MINIMUM	ASTM D 412
A14	HEAT AGING	HEAT AGING 70 HS AT 100 C CHANGE IN HARDNESS MAX +10 pts CHANGE TENSILE MAX -25% CHANGE 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 38° C 100% quality retention	ASTM D 1171
F19	LOW TEMPERATURE BRITTLENESS	3 MINUTES @ -55° C PASS	ASTM D 2137A, 9.3.2

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Specifications subject to change without notice.