

COMPOUND AND SPECIFICATION DATA FOR MASTER SEAL® GREY EPDM

TYPE 1: TYPICAL PHYSICAL PROPERTIES OF MASTER SEAL® GREY KV KL70-608
ASTM D2000 M3BA708C₁₂ F₁₉

PROPERTY	VALUE	TEST METHOD
BASE MATERIAL	CROSS-LINKED EPDM ETHYLENE PROPYLENE DIENE TERPOLYMER	N/A
COLOR	GREY	N/A
TEST LEVEL	3	GRADE
TEST TEMPERATURE	B 100° C	TYPE
VOLUME SWELL	A NO REQUIREMENT	CLASS
DUROMETER HARDNESS	70 ± 5 (SHORE)	ASTM D2240
TENSILE STRENGTH	8 MPA (1160 psi) MINIMUM	ASTM D412
ULTIMATE ELONGATION	200% MINIMUM	ASTM 412A/C
HEAT RESISTANCE	HEAT AGING 70 HRS @ 100° C CHANGE / HARDNESS MAXIMUM ± 15 PTS CHANGE / TENSILE MAXIMUM -30% CHANGE / ULTIMATE ELONGATION MAX -50%	ASTM D573
COMPRESSION SET	MAXIMUM 50%	ASTM D395B
OZONE RESISTANCE	NO OBSERVED EFFECT - 100% QUALITY RETAINED	
	70 HOURS @ 38° C @ 55 pphm	ASTM D1171
LOW TEMPERATURE BRITTLINESS	NON-BRITTLE 3 min @ -55° C	ASTM D2137
UV RESISTANCE	EXCELLENT	
RESISTANCE TO AGING	EXCELLENT	
NON-STAINING	PASS	

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Specifications subject to change without notice.

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