

COMPOUND AND SPECIFICATION DATA FOR MASTER SEAL® BLACK NEOPRENE

TYPE 1: TYPICAL PHYSICAL PROPERTIES OF MASTER SEAL® NEOPRENE® 2580C4509
ASTM D2000 M2BC 715 C₁₂

PROPERTY	VALUE	TEST METHOD
BASE MATERIAL	NEOPRENE® POLYCHLOROPRENE	N/A N/A
COLOR	BLACK	GRADE
TEST LEVEL	2	TYPE
TEST TEMPERATURE	B 100° C	CLASS
VOLUME SWELL	C 120% MAXIMUM #3 OIL, 70 HRS @ 100° C	ASTM D471
DUROMETER HARDNESS	70 ± 5	ASTM D2240
TENSILE STRENGTH	10 MPA (1450 psi) MINIMUM	ASTM D412
ULTIMATE ELONGATION	250% 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	BASIC REQUIREMENT 80% MAXIMUM (22 HRS @ 100° C)	ASTM D395B
OZONE RESISTANCE	100% QUALITY RETENTION (72 HRS @ 50 pphm)	ASTM D1171

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Aztec Washer Company, INC.
Specifications subject to change without notice.

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