



**R.E.A.L. SEAL CO.**  
**MATERIAL DATA SHEET**  
**COMPOUND # 2671**

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>2671</u>
HARDNESS, SHORE A PTS	70 +/- 5	72
ULTIMATE TENSILE STRENGTH, PSI	2031 MIN	3425
ULTIMATE ELONGATION, %	250 MIN	350
MODULUS @ 100%, PSI	-----	1097

HEAT RESISTANCE (ASTM D 573)

70 HRS @ 100 C

CHANGE IN HARDNESS, PTS	+15 MAX	+3
CHANGE IN TENSILE, %	-20 MAX	-5
CHANGE IN ELONGATION, %	-40 MAX	-16

OIL RESISTANCE (ASTM D 471)

70 HRS IN OIL #1 @ 100 C

CHANGE IN HARDNESS, PTS	-5 TO +15	+1
CHANGE IN TENSILE, %	-25 MAX	-2
CHANGE IN ELONGATION, %	-45 MAX	-3
CHANGE IN VOLUME, %	-10 TO +5	-2

OIL RESISTANCE (ASTM D 471)

70 HRS IN OIL #1 @ 121 C

CHANGE IN HARDNESS, PTS	-5 TO +15	-1
CHANGE IN TENSILE, %	-25 MAX	-5
CHANGE IN ELONGATION, %	-45 MAX	-15
CHANGE IN VOLUME, %	-10 TO +5	-2

OIL RESISTANCE (ASTM D 471)

70 HRS IN OIL #3 @ 100 C

CHANGE IN HARDNESS, PTS	0 TO -15	-8
CHANGE IN TENSILE, %	-45 MAX	-17
CHANGE IN ELONGATION, %	-45 MAX	-26
CHANGE IN VOLUME, %	0 TO +35	+21

COMPRESSION SET (ASTM D 395B)

22 HRS @ 100 C

% SET	50 MAX	14
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LOW TEMPERATURE RETRACTION (ASTM D 1329)

TR-10, DEGREES C	REPORT	-28
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INTERNAL LUBRICATION

REPORT

YES

CARBOXILATED

REPORT

YES

COLOR

REPORT

BLACK