



EUROPE SEALS BV

Test Report

Material: EP70

Specification: ASTM D2000 3BA 715 A14 B13 C12 F19

Original Properties:

Hardness, Shore A, pts

Required

Result

70 ±5

68

Tensile Strength, psi

1500

2012

Elongation, min, %

250

318

A14 Heat Aged: 70 h at 100°C, ASTM D573

Hardness Change, pts,

+10

+ 3

Tensile Strength Change, %

-25

+ 1

Elongation Change, %

-25

-12

B13 Compression Set, 22 h at 70 °C, ASTM D395 Method B, Deflection, Max %

25

12.6

C12 Ozone Resistance, 50 pphm, 70 h at 40°C, ASTM D1171 Method D

No Crack

Pass

F19 Low Temperature, Brittleness Nonbrittle after 3 min at -55°C

Nonbrittle

Pass

Please note the above test results are obtained from test slabs/buttons, not actual parts.