

Dichtring / O-Ring 74 × 1,2 mm NBR 70

KAG-ID: 428282

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Technische Daten:**A) Physical properties**

Press cure @ 170°C x 10min

Post cure @ 120°C x 1hr

Hardness, Shore A

Tensile strength, MPa, min

Elongation, %, min

Specific Gravity

Requirements	Test results
70 ±5	71
14	16.5
250	328
1.24	

B) A14 Heat resistance @ 100°C x 70hrs

Hardness change, Points

Tensile change, %

Elongation change, %

±15	+2
±30	+9
-50	-8

C) B14 Compression set

Curing conditions

Press cure @ 170°C x 12min

Post cure @ 120°C x 1hr

Heat aging @ 100°C x 22hrs, %, max

25	15
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D) EA14 Water resistance, tests @ 100°C x 70hrs

Hardness change, Points

Volume change, %

±10	-7
±15	+14

E) EF11 Fuel A resistance, tests @ 23°C x 70hrs

Hardness change, Points

Tensile change, %

Elongation change, %

Volume change, %

±10	-7
-25	-11
-25	-12
-5 to +10	-8

F) EO34 ASTM IRM 903

oil immersion @ 100°C x 70hrs

Hardness change, Points

Tensile change, %

Elongation change, %

Volume change, %

-10 to +5	-6
-45	-2
-45	-6
0 to +25	+9

G) Low temperature TR10

H) Low temperature brittleness

ASTM D2137 Tests after 3min @ -35°C

Work temperature range: -30 to +100°C

NOTE:-27,8°C
Nonbrittle

The above tests were tested with test piece and for your reference only. This compound L-NBR135 can meet ASTM D2000 M2BG714 A14 B14 EA14 EO14 EO34 EF11 EF21 F16