鉅鋐油封工業股份有限公司
CHAMP OIL SEALS INDUSTRIAL CO., LTD.
LE POWER OF SEALS www.cho.com.tw

NBR

RUBBER TEST REPORT

COLOR : BLACK
MATERIAL : BN7012K
DATE:

Press cure					**Post cure**				
Sheet :	170	℃	5	**min**	**Sheet :**	140	℃	1	**Hr**
Button :	170	℃	10	**min**	**Button :**	140	℃	1	**Hr**

Spec.

Original Properties

	Result
Hardness Shore A	71
Tensile strength (PSi)	1501
Elongation, %	285
Tear resistance kg-cm	33
Modulus at 100% (PSi)	680
Modulus at 200% (PSi)	1059
Specific Gravity	1.425

Oven Air(ASTM D865 A27) 70h/100℃

	Result
Change in hardness, points	2
Change in tensile strength %	-6
Change in ultimate elongation %	-24
Change in volume %	-3

Compression set 22h/100℃

Result
22

ASTM oil 1(ASTM D471 EO16) 70h/100℃

	Result
Change in hardness, points	3
Change in tensile strength %	-3
Change in ultimate elongation %	-19
Change in volume %	-6

ASTM IRM oil 903(ASTM D471 EO36) 70h/100℃

	Result
Change in hardness, points	-8
Change in tensile strength %	-20
Change in ultimate elongation %	-29
Change in volume %	15

ASTM Fuel A (EF) 70h/23℃

	Result
Change in hardness, points	-4
Change in tensile strength %	-16
Change in ultimate elongation %	-20
Change in volume %	7

ASTM Fuel B (EF) 70h/23℃

	Result
Change in hardness, points	-13
Change in tensile strength %	-47
Change in ultimate elongation %	-50
Change in volume %	28

ASTM Water Resistance (EA) 70h/100℃

	Result
Change in hardness, points	2
Change in tensile strength %	-16
Change in ultimate elongation %	-25
Change in volume %	2

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