



RUBBER TEST REPORT

COLOR : BLACK
MATERIAL : BH7011
DATE:

Press cure				Post cure			
Sheet :	170	°C	15	min	Sheet :	150	°C
Button :	170	°C	20	min	Button :	150	°C
						2	Hr
						2	Hr

Spec.

Original Properties

	Result
Hardness Shore A	74
Tensile strength (PSi)	2470
Elongation, %	343
Tear resistance kg-cm	43
Modulus at 100% (PSi)	834
Modulus at 200% (PSi)	1657
Modulus at 300% (PSi)	2244
Specific Gravity	1.31

Oven Air(ASTM D865 A27) 70h/100°C

	Result
Change in hardness, points	6
Change in tensile strength %	5
Change in ultimate elongation %	-38
Change in volume %	-3

Compression set 22h/125°C

Result
54

Compression set 22h/150°C

Result
77

ASTM oil 1(ASTM D471 EO16) 70h/100°C

	Result
Change in hardness, points	4
Change in tensile strength %	11
Change in ultimate elongation %	-21
Change in volume %	-6

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

	Result
Change in hardness, points	1
Change in tensile strength %	7
Change in ultimate elongation %	-17
Change in volume %	-2

ASTM ATF oil EO 70h/150°C

	Result
Change in hardness, points	-5
Change in tensile strength %	4
Change in ultimate elongation %	15
Change in volume %	5