

# Data Sheet: BUTYL70

## MATERIAL: BUTYL RUBBER 70 SHORE (IIR 70)

COLOUR: BLACK

GENERAL SERVICE TEMPERATURE RANGE: -50°C to +121°C

SPECIFICATION: ASTM D2000 M2AA706 A13 B13

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	70+/-5	70
TENSILE STRENGTH, MPa	6.0	6.8
ELONGATION %	150	458
SPECIFIC GRAVITY		1.337
<b>HEAT AGEING @ 70 hrs @ 70°C</b>		
HARDNESS CHANGE, POINTS	+/-15	+2
TENSILE STRENGTH CHANGE %	+/-30	+5
ELONGATION CHANGE %	-50	+6
<b>COMPRESSION SET @ 22 hrs @ 70°C %</b>	50	22

*The above test results are based on test slabs / buttons. The results from the actual parts may be different.*

Issue Date: 27.05.2011