

Data Sheet: NR90

MATERIAL: NATURAL RUBBER 90 SHORE

COLOUR: BLACK

GENERAL SERVICE TEMPERATURE RANGE: -50°C to 70°C

SPECIFICATION: ASTM D2000 M2AA907 A13 B13 F17

PHYSICAL PROPERTIES	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	90+/-5	91
TENSILE STRENGTH, MPa	7.0	7.2
ELONGATION %	100	141
SPECIFIC GRAVITY		1.497
HEAT AGEING @ 70 hrs @ 70°C		
HARDNESS CHANGE, POINTS	±15	+0
TENSILE STRENGTH CHANGE %	±30	+4
ELONGATION CHANGE %	-50	-24
COMPRESSION SET		
HEAT AGING @ 22 hrs @ 70°C %	50	20
F17 LOW TEMPERATURE BRITTLINESS		
NON BRITTLE AFTER 3 MIN. @ -40°C	PASS	NON BRITTLE

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

Issue Date: 22.09.2014