

# MATERIAL TEST REPORT

Material Number: 1190-19001  
Material Type: FKM 90  
Material Colour: BLACK

PROPERTY	UNIT	TEST METHOD	TEST PARAMETER	VALUE
Hardness	Shore A	ASTM D 2240	-	90 ±5
Tensile Strength	MPa	ASTM D 412	-	14,9
Ultimate Elongation	%	ASTM D 412	-	112
Specific Gravity	g/cm <sup>3</sup>	-	-	1,87 ±0,03
Compression Set	%	ASTM D 395 B	22h / 200°C	16

## CHANGES OF PROPERTIES AFTER AGING:

MEDIUM	TEST METHOD	TIME H	TEMPERATURE °C	HARDNESS POINTS	TENSILE STRENGTH %	ULTIMATE ELONGATION %	VOLUME %
Air	ASTM D 573	70	250	+1	-6	-10	-
IRM oil 903	ASTM D 471	70	150	-	-	-	+3
ASTM Fuel C	ASTM D 471	70	23	-5	-17	-18	+3
ASTM 101 Service Liquid	ASTM D 471	70	200	-8	-16	-13	+14

The above figures are average values and should be considered as guidelines not specifications. While reasonable care has been taken to ensure that this data is representative, Abbey Seals International Ltd does not warrant or otherwise guarantee, expressly or impliedly, the suitability, accuracy, reliability or completeness of the information. We recommend evaluation prior to use to ascertain the suitability of the material for the application.