

# HNBR 70120

## PRODUCT CODE – HNBR 70120



### TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		FPS UNITS
SPECIFIC GRAVITY		1.20 ± 0.05	ASTM D297	1.20 ± 0.05
HARDNESS	ISO 48-4	70 ± 5 Sh A	ASTM D2240	70 ± 5 Sh A
TENSILE STRENGTH ( min )	ISO 37	1422 PSI	ASTM D412	100 Kg/cm 2
ELONGATION AT BREAK ( min )	ISO 37	200 %	ASTM D412	200 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	50%	ASTM D395 METHOD B	50 %
TEAR RESISTANCE ( Angular ) min	ISO 34-1	252 Lbs/Inch	ASTM D624	45 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR ( 72 hrs. AT 70 °C )			ASTM D573	
--- HARDNESS (Pts)		+2 (max)		+ 2 (max)
--- TENSILE STRENGTH (%)		+5		+5
--- ELONGATION AT BREAK (%)		± 10		± 10
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471	
IN IRM OIL NO.901		+2 (Max)		2 (Max)
IN IRM OIL NO.902		+5		+5
IN IRM OIL NO.903		± 10		± 10
CHEMICAL RESISTANCE				
--- OZONE		EXCELLENT	ASTM D 1149	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
--- OILS		EXCELLENT		EXCELLENT
--- SOLVENTS		GOOD		GOOD
TEMPERATURE RANGE		-30° to + 150° C		-30° to + 150° C
COLOR		BLACK		BLACK

Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.\*