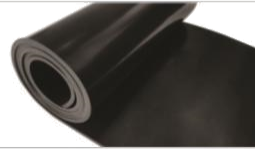


**NE 60145 (100 %)**  
**PRODUCT CODE – NE 60145 (100 %)**



**TECHNICAL SPECIFICATIONS**

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY		1.45 ± 0.05	ASTM D297	1.45±0.05
HARDNESS	ISO 48-4	60 ± 5 Sh A	ASTM D2240	60 ± 5 Sh A
TENSILE STRENGTH ( min )	ISO 37	2133 PSI	ASTM D412	150 kg/cm 2
ELONGATION AT BREAK ( min )	ISO 37	250%	ASTM D412	250 %
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	140 Lbs/Inch	ASTM D624	25
CHANGE IN PROPERTIES AFTER Kg/cm HEAT AGEING FOR ( 72 hrs. AT 70 °C )			ASTM D573	
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+10/-15		+10/-15
--- ELONGATION AT BREAK (%)		+10/-20		+10/-20
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471	
IN IRM OIL NO.901		+ 18%		+ 18%
IN IRM OIL NO.902		+ 23%		+ 23%
IN IRM OIL NO.903		+ 60%		+ 60%
CHEMICAL RESISTANCE				
--- OZONE (50 PPHM /20 DEG / 100 HRS )		PASSES	ASTM D 1149	NO CRACKS
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
--- OILS		GOOD		GOOD
--- SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-30° to + 120° C		-30 ° to + 120° C
COLOR		BLACK		BLACK

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

