

**NE 80145 (10 %)**  
**PRODUCT CODE – NE 80145 (10 %)**



**TECHNICAL SPECIFICATIONS**

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		FPS UNITS
SPECIFIC GRAVITY		1.45 ± 0.05	ASTM D297	1.45 ± 0.05
HARDNESS	ISO 48-4	80 ± 5 Sh A	ASTM D2240	80 ± 5 Sh A
TENSILE STRENGTH ( min )	ISO 37	568 PSI	ASTM D412	40 kg/cm 2
ELONGATION AT BREAK ( min )	ISO 37	200%	ASTM D412	200 %
TEAR RESISTANCE ( Angular ) min	ISO 34-1	100 Lbs/Inch	ASTM D624	18 Kg/cm
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	45%	ASTM D395 METHOD B	45%
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR ( 72 hrs. AT 70 °C )			ASTM D573	
--- HARDNESS (Pts)		+ 15 (max)		+ 15 (max)
--- TENSILE STRENGTH (%)		± 20% (max)		± 20% (max)
--- ELONGATION AT BREAK (%)		± 30% (max)		± 30% (max)
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471	
IN IRM OIL NO.901		+ 33%		+ 33 %
IN IRM OIL NO.902		+ 47 %		+ 47 %
IN IRM OIL NO.903		+ 90 %		+ 90 %
CHEMICAL RESISTANCE				
--- OZONE		FAIR		FAIR
--- DILUTE ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-30° to + 70° C		-30° to + 70° C
COLOR		BLACK		BLACK

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

