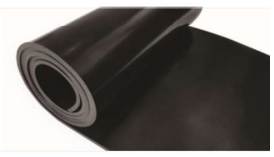
ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.
Quality Rubber Solutions

GOVERNMENT OF INDIA RECOGNISED EXPORT HOUSE

सत्यमेव जयते

NE 70140 (30 %)

PRODUCT CODE – NE 70140 (30 %)



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.45 ± 0.05	ASTM D297	1.45 ± 0.05
HARDNESS	DIN 53505	70 ± 5 Sh A	ASTM D2240	70 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	858 PSI	ASTM D412	50 kg/cm 2
ELONGATION AT BREAK (min)	DIN 53504	225%	ASTM D412	225 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	50 %	ASTM D395 METHOD B	50 %
TEAR RESISTANCE (Angular) min	DIN 53515	101 Lbs/Inch	ASTM D624	18 Kg/cm
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573	
--- HARDNESS (Pts)		+ 15 (Max)		+ 5 (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		18%		19%
IN IRM OIL NO.902		37%		37%
IN IRM OIL NO.903		72%		72%
CHEMICAL RESISTANCE				
--- OZONE		FAIR	ASTM D 1149	FAIR
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
--- OILS		FAIR		FAIR
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-25° to + 80° C		-25 ° to + 80° C
COLOR		BLACK		BLACK
FINISH	BOTH SIDE SMOOTH FINISH			

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

ISO14001 :2015 ISO 9001 : 2015