



# ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions

An ISO 9001:2008 Registered Company  
An ISO 14001:2004 Registered Company

## GOVT. RECOGNISED EXPORT HOUSE

## TECHNICAL SPECIFICATIONS

### QUALITY : VITON RUBBER SHEETING CODE: FPG 72190

PROPERTIES	TEST METHOD	VALUES	TES METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.95	ASTM D297	1.95
HARDNESS	DIN 53505	72 ± 5 Sh A	ASTM D2240	72 ± 5 Sh A
TENSILE STRENGTH ( min )	DIN 53504	711 PSI	ASTM D412	50 kg/cm2
ELONGATION AT BREAK ( min )	DIN 53504	200%	ASTM D412	200%
COMPRESSION SET (70 °C/24 hrs/25% set) (MAX)	DIN 53517	55%	ASTM D395 METHOD B	55%
TEAR RESISTANCE ( Angular ) min	DIN 53515	112 Lbs/Inch	ASTM D624	20 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING ( 72 hrs. AT 150 °C )			ASTM D573	
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 10		+ 10 / - 10
--- ELONGATION AT BREAK (%)		+ 15 / - 15		+ 15 / - 15
VOLUME SWELL : AT 150° C FOR 24 HRS/IN			ASTM D 471	
IRM OIL NO.1		-6%		-6%
IRM OIL NO.2		-1%		-1%
IRM OIL NO.3		+ 5%		+ 5%
CHEMICAL RESISTANCE				
--- OZONE		EXCELLENT	ASTM D 1149	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
--- OILS		VERY GOOD		VERY GOOD
--- SOLVENTS		VERY GOOD		VERY GOOD
TEMPERATURE RANGE		-30 ° to + 250° C		-30 ° to + 250° C
COLOUR		BLACK		BLACK



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