



# 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 : COMMERCIAL NATURAL RUBBER

CODE: **AV70** (Anti Vibration Mat)

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.20 ± 0.05	ASTM D297	1.20 ± 0.05
HARDNESS	DIN 53505	70 ± 5 Sh A	ASTM D2240	70 ± 5 Sh A
TENSILE STRENGTH ( min )	DIN 53504	710 PSI	ASTM D412	50 kg/cm2
ELONGATION AT BREAK ( min )	DIN 53504	300%	ASTM D412	300%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	DIN 53517	50%	ASTM D395	50%
TEAR RESISTANCE ( Angular ) min	DIN 53515	123 Lbs/Inch	ASTM D624	22 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING ( 72 hrs. AT 70°C )			ASTM D573	
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / -25		+ 10 / -25
--- ELONGATION AT BREAK (%)		+ 10 / -25		+ 10 / -25
VOLUME SWELL : AT 70°C FOR 72 HRS/IN			ASTM D 471	
ASTM OIL NO.1		NOT RECOMMENDED		NOT RECOMMENDED
ASTM OIL NO.2		NOT RECOMMENDED		NOT RECOMMENDED
ASTM OIL NO.3		NOT RECOMMENDED		NOT RECOMMENDED
CHEMICAL RESISTANCE				
--- OZONE		FAIR	ASTM D 1149	FAIR
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-20° to + 80 °C		-20° to + 80 °C
COLOUR		BLACK		BLACK



A/2, PAREKH MAHAL, 80 VEER NARIMAN ROAD, CHURCHGATE MUMBAI - 400 020.

Email: [info@zenithrubber.com](mailto:info@zenithrubber.com)

Website: [www.zenithrubber.com](http://www.zenithrubber.com)



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## GOVT.RECOGNISED EXPORT HOUSE

## TECHNICAL SPECIFICATIONS

QUALITY : COMMERCIAL NATURAL RUBBER

CODE: **AV45** (Anti Vibration Mat)

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.20 ± 0.05	1.20 ± 0.05
HARDNESS	DIN 53505	45 ± 5 Sh A	45 ± 5 Sh A
TENSILE STRENGTH ( min )	DIN 53504	926 PSI	50 kg/cm2
ELONGATION AT BREAK ( min )	DIN 53504	300%	300%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	DIN 53517	40%	40%
TEAR RESISTANCE ( Angular ) min	DIN 53515	123 Lbs/Inch	22 Kg/cm
CHANGE IN PROPERTIES			
HEAT AGEING ( 72 hrs. AT 70°C )			ASTM D573
--- HARDNESS (Pts)		+ 5 (Max)	+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / -25	+ 10 / -25
--- ELONGATION AT BREAK (%)		+ 10 / -25	+ 10 / -25
VOLUME SWELL : AT 70°C FOR 72 HRS/IN			ASTM D 471
ASTM OIL NO.1		NOT RECOMMENDED	NOT RECOMMENDED
ASTM OIL NO.2		NOT RECOMMENDED	NOT RECOMMENDED
ASTM OIL NO.3		NOT RECOMMENDED	NOT RECOMMENDED
CHEMICAL RESISTANCE			
--- OZONE		FAIR	ASTM D 1149
--- DILUTE ACIDS AND BASES		GOOD	
--- CONCENTRATED ACIDS AND BASES		FAIR	
--- OILS		NOT RECOMMENDED	NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED	NOT RECOMMENDED
TEMPERATURE RANGE		-20° to + 80 °C	-20° to + 80 °C
COLOUR		BLACK	BLACK



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