



# ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



## TECHNICAL SPECIFICATIONS

QUALITY : ABRASION RESISTANT SHEET CODE : ABRA HD 70

PROPERTIES	TEST METHOD	VALUES		
		FPS UNITS	METRIC UNITS	
SPECIFIC GRAVITY	ASTM D297	1.15	1.15	
HARDNESS	ASTM D2240	70 ± 5 Sh A	70 ± 5 Sh A	
TENSILE STRENGTH ( min )	ASTM D412	3080 PSI	215 kg/cm <sup>2</sup>	
ELONGATION AT BREAK ( min )	ASTM D412	450%	450%	
ABRASION RESISTANCE ( max )	ASTM D5963	70 mm <sup>3</sup>	70 mm <sup>3</sup>	
COMPRESSION SET (70 °C/24 hrs/25% set) (Max)	ASTM D395 METHOD B	25%	25%	
TEAR RESISTANCE ( Angular ) min	ASTM D624	532 Lbs/Inch	95 Kg/cm	
<b>CHANGE IN PROPERTIES</b>				
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	
<b>VOLUME SWELL : AT 70°C FOR 72 HRS/IN</b>	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	
<b>CHEMICAL RESISTANCE</b>				
--- OZONE	ASTM D 1149	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		-40° to + 75°C	-40° to + 75°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)