



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : ABRA SUPER 40

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	0.98	DIN 53508	0.98
HARDNESS	ASTM D2240	38 ± 5 Sh A	DIN 53505	38 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	3415 PSI	DIN 53504	240 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	810%	DIN 53504	810%
ABRASION RESISTANCE (max)	ASTM D5963	80 mm3	DIN 53516	80 mm3
COMPRESSION SET (70 °C/24 hrs/25% set) (max)	ASTM D395 METHOD B	15%	DIN 53517	15%
TEAR RESISTANCE (Angular) min	ASTM D624	224 Lbs/Inch	DIN 53515	40 Kg/cm
RESILIENCE		75%		75%
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573			
--- HARDNESS (Pts)		+ 3 (Max)		+ 3 (Max)
--- TENSILE STRENGTH (%)		+10 / - 15		+10 / - 15
--- ELONGATION AT BREAK (%)		+10 / - 15		+10 / - 15
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	ASTM D 1149	FAIR		FAIR
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-40° to + 70° C		-40° to + 70° C
COLOR		PINK/RED		PINK/RED

Email: info@zenithrubber.com

Website: www.zenithrubber.com