



ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions



TECHNICAL SPECIFICATIONS

QUALITY : ABRASUPER 60

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.10	DIN 53508	1.10
HARDNESS	ASTM D2240	60 ± 5 Sh A	DIN 53505	60 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	2845 PSI	DIN 53504	200 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	500%	DIN 53504	500%
ABRASION RESISTANCE (max)	ASTM D5963	110 mm ³	DIN 53516	110 mm ³
COMPRESSION SET (70 0 C/24 hrs/25% set) (max)	ASTM D395 METHOD B	15%	DIN 53517	15%
TEAR RESISTANCE (Angular) min	ASTM D624	252 Lbs/Inch	DIN 53515	45 Kg/cm
RESILIENCE		70%		70%
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573			
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (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		-30°to + 70°C		-30°to + 70°C
COLOUR		PINK / RED		PINK / RED

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