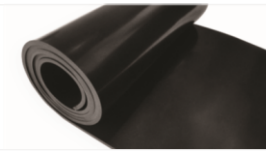
ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.
Quality Rubber Solutions

GOVERNMENT OF INDIA RECOGNISED EXPORT HOUSE

सत्यमेव जयते

SI 40120 F

PRODUCT CODE –SI 40120 FG



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.20±0.05	ASTM D297	1.20±0.05
HARDNESS	DIN 53505	40 ± 5 Sh A	ASTM D2240	40 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	853 PSI	ASTM D412	60 kg/cm 2
ELONGATION AT BREAK (min)	DIN 53504	250%	ASTM D412	250 %
COMPRESSION SET (70ºC/24 hrs/25% compression) (max)	DIN 53517	45 %	ASTM D395 METHOD B	45 %
TEAR RESISTANCE (Angular) min	DIN 53515	112 Lbs/Inch	ASTM D624	20 Kg/cm
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR (72 hrs. AT 100 ºC)			ASTM D573	
--- HARDNESS (Pts)		+ 3 (Max)		+ 3 (Max)
--- TENSILE STRENGTH (%)		+5 / - 5		+5 / - 5
--- ELONGATION AT BREAK (%)		+5 / - 5		+5 / - 5
VOLUME SWELL : AT 70ºC FOR 72 HRS			ASTM D 471	
IN IRM OIL NO.901		NOT RECOMMENDED		NOT RECOMMENDED
IN IRM OIL NO.902		NOT RECOMMENDED		NOT RECOMMENDED
IN IRM OIL NO.903		NOT RECOMMENDED		NOT RECOMMENDED
CHEMICAL RESISTANCE				
--- OZONE		EXCELLENT	ASTM D 1149	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-90º to + 230º C		-90 º to + 230º C
COLOR		TRANSLUCENT/RED WHITE / BRICK RED / BLUE		TRANSLUCENT/RED WHITE / BRICK RED / BLUE

Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.*

ISO14001 : 2015 ISO 9001 : 2015 45001:2018 DSIR NABL RoHS COMPLIANT REACH COMPLIANCE FDA Australian Water Quality Centre WRAS AEO INDIAN CUSTOMS