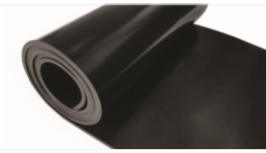
ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.
Quality Rubber Solutions

GOVERNMENT OF INDIA RECOGNISED EXPORT HOUSE

सत्यमेव जयते

ELM 30000

PRODUCT CODE – ELM 3000



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.50 ± 0.05	ASTM D297	1.50 ± 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/cm 2
ELONGATION AT BREAK (min)	DIN 53504	250 %	ASTM D412	250 %
TEAR RESISTANCE (Angular) min	DIN 53515	101 Lbs/Inch	ASTM D624	18 Kg/cm
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	40 %	ASTM D395 METHOD B	40 %
ABRASION RESISTANCE (max)	DIN 53516	400 mm3	ASTM D5963	400 mm3
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573	
--- HARDNESS (Pts)		+5 (max)		+5 (max)
--- TENSILE STRENGTH (%)		+10 / -20		+10 / -20
--- ELONGATION AT BREAK (%)		+10 / -20		+10 /-20
VOLUME SWELL : AT 70°C 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		GOOD		GOOD
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-30° to + 120° C		-30° to + 120° C
COLOR		BLACK / GREY		BLACK / GREY
ELECTRICAL INSULATION ON 6.5 MM (BASE)			IEC 61111	
BREAKDOWN VOLTAGE(3mm)		NO BREAKDOWN AT 50 KV	IEC 61111	NO BREAKDOWN AT 50 KV

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