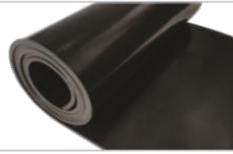




Zen-star FG OIL

PRODUCT CODE – NBR 55110 FDA



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.10 ± 0.05	ASTM D297	1.10 ±0.05
HARDNESS	DIN 53505	55 ± 5 Sh A	ASTM D2240	55 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	2133 PSI	ASTM D412	150 kg/cm 2
ELONGATION AT BREAK (min)	DIN 53504	600%	ASTM D412	600%
COMPRESSION SET (70°C/22 hrs/25% compression) (max)	DIN 53517	30%	ASTM D395 METHOD B	30%
TEAR RESISTANCE (Angular) min	DIN 53515	196 Lbs/Inch	ASTM D624	35 Kg/cm
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573	
--- HARDNESS (Pts)		+15 (Max)		+15 (Max)
--- TENSILE STRENGTH (%)		± 30		± 30
--- ELONGATION AT BREAK (%)		± 50		± 50
VOLUME SWELL : AT 70°C FOR 72 HRS	ASTM D471			
HRS IRM OIL NO.903		20% MAX		20% MAX
CHEMICAL RESISTANCE				
--- OZONE		FAIR	ASTM D1149	FAIR
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- OILS		GOOD		GOOD
--- SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-30° to + 120° C		-30° to + 120° C
COLOR		WHITE		WHITE
DESIGN	MINI/MAX DIAMOND OTHER SIDE 1MM CN BONDING LAYER			

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



ISO14001 : 2015



ISO 901 : 2015



45001:2018



DSIR



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