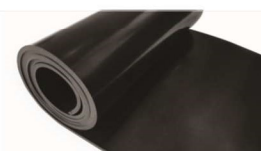


Zen-Star FG Oil

PRODUCT CODE – NBR 55110 FDA



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		FPS UNITS
SPECIFIC GRAVITY	-	1.10 ± 0.05	ASTM D297	1.10±0.05
HARDNESS	ISO 48-4	55 ± 5 Sh A	ASTM D2240	55 ± 5 Sh A
TENSILE STRENGTH (min)	ISO 37	2133 PSI	ASTM D412	150 kg/cm 2
ELONGATION AT BREAK (min)	ISO 37	600%	ASTM D412	600 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	30 %	ASTM D395 METHOD B	30 %
TEAR RESISTANCE (Angular) min	ISO 34-1	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 IN IRM OIL NO.903		+20% MAX	ASTM D 471	+ 20% MAX
CHEMICAL RESISTANCE				
--- OZONE		FAIR	ASTM D 1149	FAIR
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
--- OILS		GOOD		GOOD
--- SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-30° to + 120° C		-30 ° to + 120° C
COLOR		BLACK		BLACK

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

