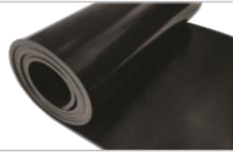




Zen-star 55 FG
PRODUCT CODE – NR 55110



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES 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/22 hrs/25% compression) (max)	ISO 815-1	25%	ASTM D395 METHOD B	25%
ABRASION RESISTANCE (max)	ISO 4649	120 mm ³	ASTM D5963	120 mm ³ (10N)
CHANGE IN PROPERTIES AFTER				
HEAT AGEING FOR (72 hrs. AT 70 °C)			ASTM D573	
--- HARDNESS (Pts)		+5 (Max)		+5 (Max)
--- TENSILE STRENGTH (%)		+10 / -25		+10 / -25
--- ELONGATION AT BREAK (%)		+10 / -25		+10 / -25
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		FAIR	ASTM D 1149	FAIR
--- DILUTE ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- 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
COLOR		WHITE		WHITE
DESIGN	MINI/ MAX DAIMOND OTHER SIDE 1MM CN BONDING LAYER			

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

