

Abra-Trile 55

PRODUCT CODE –NBR 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	1849 PSI	ASTM D412	130 kg/cm 2
ELONGATION AT BREAK (min)	ISO 37	700 %	ASTM D412	700 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	50 %	ASTM D395 METHOD B	50 %
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)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+10 /-20		+10 /-20
--- ELONGATION AT BREAK (%)		- 25		- 20
VOLUME SWELL : AT 70°C FOR 72 HRS	ASTM D 471			
IRM OIL NO.903		10 % MAX		10 % MAX
CHEMICAL RESISTANCE				
--- OZONE		FAIR	ASTM D 1149	FAIR
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		MODERATELY RESISTANT		MODERATELY RESISTANT
--- OILS		GOOD		GOOD
--- SOLVENTS		GOOD		GOOD
TEMPERATURE RANGE		-30° to + 100° C		-30 ° to + 100° C
COLOR		ORANGE		ORANGE

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