

# Abra-Eco 50

PRODUCT CODE – Abra-Eco 50



## TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	-	1.28 ± 0.05	ASTM D297	1.28 ±0.05
HARDNESS	ISO 48-4	50 ± 5 Sh A	ASTM D2240	50 ± 5 Sh A
TENSILE STRENGTH ( min )	ISO 37	1137 PSI	ASTM D412	80 kg/cm 2
ELONGATION AT BREAK ( min )	ISO 37	350%	ASTM D412	350 %
COMPRESSION SET (70°C/22 hrs/25% compression) (max)	ISO 815-1	55 %	ASTM D395 METHOD B	55 %
TEAR RESISTANCE ( Angular ) min	ISO 34-1	123 Lbs/Inch	ASTM D624	22 Kg/cm
ABRASION RESISTANCE ( max )	ISO 4649	200 mm <sup>3</sup> (10 N)	ASTM D5963	200 mm <sup>3</sup> (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		NOT RECOMMENDED	ASTM D 1149	NOT RECOMMENDED
--- 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		BLACK		BLACK
FINISH	BOTH SIDE SMOOTH			

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