

# FKM 75203 ECO

## PRODUCT CODE – FKM 75203 ECO



### TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		FPS UNITS
SPECIFIC GRAVITY		2.03 ± 0.05	ASTM D297	2.03 ± 0.05
HARDNESS	ISO 48-4	75 ± 5 Sh A	ASTM D2240	75 ± 5 Sh A
TENSILE STRENGTH ( min )	ISO 37	569 PSI	ASTM D412	40 Kg/cm 2
ELONGATION AT BREAK ( min )	ISO 37	200 %	ASTM D412	200 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	55 %	ASTM D395 METHOD B	55 %
TEAR RESISTANCE ( Angular ) min	ISO 34-1	89 Lbs/Inch	ASTM D624	16 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR ( 72 hrs. AT 70 °C )			ASTM D573	
--- HARDNESS (Pts)		+7 (max)		+ 7 (max)
--- TENSILE STRENGTH (%)		± 12		± 12
--- ELONGATION AT BREAK (%)		± 18		± 18
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471	
IN IRM OIL NO.901		-7%		-7%
IN IRM OIL NO.902		+1%		+1%
IN IRM OIL NO.903		+8%		+8%
CHEMICAL RESISTANCE				
--- OZONE		EXCELLENT	ASTM D 1149	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
--- OILS		VERY GOOD		VERY GOOD
--- SOLVENTS		VERY GOOD		VERY GOOD
TEMPERATURE RANGE		-30° to + 275° C		-30 ° to + 275° C
COLOR		BLACK		BLACK

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

