



FULLCHANCE INDUSTRIAL CO.,LTD

TECHNICAL SPECIFICATIONS

QUALITY : EPDM (WRC/WRAS) CODE 70115

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
DENSITY	ASTM D297	1.15 ± 0.02Lb/ft ³	1.15 ± 0.02Mg/m ³
HARDNESS	ASTM D2240	70 ± 5 Sh A	70 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	1852 PSI	130 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	400%	400%
COMPRESSION SET (70 ⁰ C/24 hrs/25% set) (max)	ASTM D395 METHOD B	8%	8%
TEAR RESISTANCE (Angular) min	ASTM D624	224Lbs/Inch	40 Kg/cm
CHANGE IN PROPERTIES			
HEAT AGEING (72 hrs. AT 70 ⁰ C)	ASTM D573		
--- HARDNESS (Pts)		+2	+2
--- TENSILE STRENGTH (%)		± 8	± 8
--- ELONGATION AT BREAK (%)		± 15	± 15
VOLUME SWELL : AT 100 ⁰ C FOR 72 HRS/IN	ASTM D 471		
ASTM OIL NO.1		NA	NA
ASTM OIL NO.2		NA	NA
ASTM OIL NO.3		NA	NA
CHEMICAL RESISTANCE			
--- OZONE	ASTM D 1149	EXCELLENT	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT	EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT	EXCELLENT
--- OILS		NOT RECOMMENDED	NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED	NOT RECOMMENDED
TEMPERATURE RANGE		-40 ⁰ C + 120 ⁰ C	-40 ⁰ C + 120 ⁰ C
COLOUR		BLACK	BLACK

Products that this data relates to available in China from:

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