



FULLCHANCE INDUSTRIAL CO.,LTD

TECHNICAL SPECIFICATIONS

QUALITY : COMMERCIAL EPDM CODE: EP 60135

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.35	1.35
HARDNESS	ASTM D2240	60 ± 5 Sh A	60 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	712 PSI	50 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	300%	300%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	40%	40%
TEAR RESISTANCE (Angular) min	ASTM D624	101 Lbs/Inch	18 Kg/cm
CHANGE IN PROPERTIES			
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573		
--- HARDNESS (Pts)		+ 5 (Max)	+ 5 (Max)
--- TENSILE STRENGTH (%)		± 20%(Max)	± 20%(Max)
--- ELONGATION AT BREAK (%)		± 30%(Max)	± 30%(Max)
VOLUME SWELL : AT 70° C FOR 72 HRS/IN	ASTM D 471		
ASTM OIL NO.1		NOT RECOMMENDED	NOT RECOMMENDED
ASTM OIL NO.2		NOT RECOMMENDED	NOT RECOMMENDED
ASTM OIL NO.3		NOT RECOMMENDED	NOT RECOMMENDED
POLYMER CONTENT		10%	10%
CHEMICAL RESISTANCE			
--- OZONE	ASTM D 1149	FAIR	FAIR
--- DILUTE ACIDS AND BASES		GOOD	GOOD
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED	NOT RECOMMENDED
--- OILS		NOT RECOMMENDED	NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED	NOT RECOMMENDED
TEMPERATURE RANGE		-30 °to + 90° C	-30 °to + 90° C
COLOUR		BLACK	BLACK

Products that this data relates to available in China from:

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