



# FULLCHANCE INDUSTRIAL CO.,LTD

## TECHNICAL SPECIFICATIONS

### QUALITY : 100% EPDM CODE: EP 70120 ACS

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.20	DIN 53508	1.20
HARDNESS	ASTM D2240	70 ± 5 Sh A	DIN 53505	70 ± 5 Sh A
TENSILE STRENGTH ( min )	ASTM D412	1852 PSI	DIN 53504	130 kg/cm2
ELONGATION AT BREAK ( min )	ASTM D412	350%	DIN 53504	350%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	8%	DIN 53517	8%
TEAR RESISTANCE ( Angular ) min	ASTM D624	140 Lbs/Inch	DIN 53515	25 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING ( 72 hrs. AT 70°C )	ASTM D573			
--- HARDNESS (Pts)		+ 3 (Max)		+ 3 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 10		+ 10 / - 10
--- ELONGATION AT BREAK (%)		+ 10 / - 10		+ 10 / - 10
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 (EPDM)		100%		100%
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° to + 130°C		-40° to + 130°C
COLOUR		BLACK		BLACK

Products that this data relates to available in China from:

## FULLCHANCE INDUSTRIAL CO.,LTD

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