



FULLCHANCE INDUSTRIAL CO.,LTD

TECHNICAL SPECIFICATIONS

QUALITY : HYPLON CODE: HN 70140

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.4	DIN 53508	1.4
HARDNESS	ASTM D2240	70 ± 5 Sh A	DIN 53505	70 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	1000 PSI	DIN 53504	70 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	400%	DIN 53504	400%
COMPRESSION SET (70° C/24 hrs/25% set) (max)	ASTM D395 METHOD B	40%	DIN 53517	40%
TEAR RESISTANCE (Angular) min	ASTM D624	95 Lbs/Inch	DIN 53515	17 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 (HYPALON)		100%		100%
CHEMICAL RESISTANCE				
--- OZONE	ASTM D 1149	EXCELLENT		EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		GOOD		GOOD
--- OILS		GOOD		GOOD
--- SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-30° to + 130° C		-30° to + 130° C
COLOUR		BLACK		BLACK

Products that this data relates to available in China from:

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