



# FULLCHANCE INDUSTRIAL CO.,LTD

GOVT.RECOGNISED EXPORT HOUSE

## TECHNICAL SPECIFICATIONS

### QUALITY : COMMERCIAL NEOPRENE RUBBER CODE: NE 70140

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.45	DIN 53508	1.45
HARDNESS	ASTM D2240	70 ± 5 Sh A	DIN 53505	70 ± 5 Sh A
TENSILE STRENGTH ( min )	ASTM D412	717 PSI	DIN 53504	50 kg/cm2
ELONGATION AT BREAK ( min )	ASTM D412	225%	DIN 53504	225%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	45%	DIN 53517	45%
TEAR RESISTANCE ( Angular ) min	ASTM D624	112 Lbs/Inch	DIN 53515	20 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING ( 72 hrs. AT 70°C )	ASTM D573			
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 20		+ 10 / - 20
--- ELONGATION AT BREAK (%)		+ 10 / - 20		+ 10 / - 20
VOLUME SWELL : AT 70°C FOR 72 HRS/IN	ASTM D 471			
ASTM OIL NO.1		+ 27%		+ 27%
ASTM OIL NO.2		+ 39%		+ 39%
ASTM OIL NO.3		+ 75%		+ 75%
POLYMER CONTENT (NEOPRENE)		30%		30%
CHEMICAL RESISTANCE				
--- OZONE	ASTM D 1149	FAIR		FAIR
--- DILUTE ACIDS AND BASES		FAIR		FAIR
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-25° to + 80°C		-25° to + 80°C
COLOUR		BLACK		BLACK



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