



# FULLCHANCE INDUSTRIAL CO.,LTD

## TECHNICAL SPECIFICATIONS

### QUALITY : NATURAL RUBBER BLACK (ABRASION RESISTANT SHEET) CODE: AB 40110

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.1±0.05	1.1±0.05
HARDNESS	ASTM D2240	40 ± 5 Sh A	40 ± 5 Sh A
TENSILE STRENGTH ( min )	ASTM D412	2350 PSI	165 kg/cm2
ELONGATION AT BREAK ( min )	ASTM D412	600%	600%
ABRASION RESISTANCE ( max )	ASTM D5963	100 mm3	100 mm3
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	30%	30%
TEAR RESISTANCE ( Angular ) min	ASTM D624	224 Lbs/Inch	40 Kg/cm
CHANGE IN PROPERTIES			
HEAT AGEING ( 72 hrs. AT 70°C )	ASTM D573		
--- HARDNESS (Pts)		+ 5 (Max)	+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 15	+ 10 / - 15
--- ELONGATION AT BREAK (%)		+ 10 / - 25	+ 10 / - 25
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
<b>CHEMICAL RESISTANCE</b>			
--- 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 + 70 °c	-30° to + 70 °c
COLOUR		BLACK	BLACK

Products that this data relates to available in China from:

## **FULLCHANCE INDUSTRIAL CO.,LTD**

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