



# FULLCHANCE INDUSTRIAL CO.,LTD

## TECHNICAL SPECIFICATIONS

### QUALITY : NATURAL RUBBER BLACK (ABRASION RESISTANCE SHEET CODE: PA 45100

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.05	1.05
HARDNESS	ASTM D2240	45 ± 5 Sh A	45 ± 5 Sh A
TENSILE STRENGTH ( min )	ASTM D412	2280 PSI	160kg/cm2
ELONGATION AT BREAK ( min )	ASTM D412	600%	600%
ABRASION RESISTANCE ( max )	ASTM D5963	120 mm3	120 mm3
COMPRESSION SET (70 °C/24 hrs/25% set) (max)	ASTM D395 METHOD B	30%	30%
TEAR RESISTANCE ( Angular ) min	ASTM D624	151 Lbs/Inch	27 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		-25 ° to + 70° C	-25 ° to + 70° C
COLOUR		BEIGE	BEIGE

Products that this data relates to available in China from:

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

H Building, Xinwei 3rd Industrial Zone, Dalang Street, Longhua Town,  
Baoan District, Shenzhen City, Guangdong Province,  
China P.C.: 518109

Tel:0086-0755-81298065

Fax:0086-0755-28145843

Email: sales@fullchance.com

Website: www.rollsheetrubber.com