



FULLCHANCE INDUSTRIAL CO.,LTD

TECHNICAL SPECIFICATIONS

QUALITY : NATURAL RUBBER BLACK (ABRASION RESISTANT SHEET)
CODE: ABE 70110

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.12±0.05	DIN 53508	1.12±0.05
HARDNESS	ASTM D2240	70 ± 5 Sh A	DIN 53505	70 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	2494 PSI	DIN 53504	175 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	350%	DIN 53504	350%
ABRASION RESISTANCE (max)	ASTM D5963	120 mm ³	DIN 53516	120 mm ³
COMPRESSION SET (70 ° C/24 hrs/25% set) (max)	ASTM D395 METHOD B	35%	DIN 53517	35%
TEAR RESISTANCE (Angular) min	ASTM D624	252 Lbs/Inch	DIN 53515	45 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70 °C)	ASTM D573			
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / - 25		+ 10 / - 25
--- ELONGATION AT BREAK (%)		+ 10 / - 30		+ 10 / - 30
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
CHEMICAL RESISTANCE				
--- 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

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