



# FULLCHANCE INDUSTRIAL CO.,LTD

## TECHNICAL SPECIFICATIONS

**QUALITY : NATURAL RUBBER BLACK (ABRASION RESISTANT SHEET)**

**CODE: AB 40120**

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.2	DIN 53508	1.2
HARDNESS	ASTM D2240	45 ± 5 Sh A	DIN 53505	45 ± 5 Sh A
TENSILE STRENGTH ( min )	ASTM D412	140 kg/cm <sup>2</sup>	DIN 53504	140 kg/cm <sup>2</sup>
ELONGATION AT BREAK ( min )	ASTM D412	500%	DIN 53504	500%
ABRASION RESISTANCE ( max )	ASTM D5963	200 mm <sup>3</sup>	DIN 53516	200 mm <sup>3</sup>
COMPRESSION SET (70° C/24 hrs/25% set) (Max)	ASTM D395 METHOD B	35%	DIN 53517	35%
TEAR RESISTANCE ( Angular ) min	ASTM D624	140 Lbs/Inch	DIN 53515	25 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 / - 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		NOT RECOMMENDED		NOT RECOMMENDED
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-40° to + 70 °C		-40° to + 70 °C
COLOUR		Black		Black

Products that this data relates to available in China from:

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