



FULLCHANCE INDUSTRIAL CO.,LTD

TECHNICAL SPECIFICATIONS

QUALITY : NATURAL RUBBER BLACK (ABRASION RESISTANT SHEET)

CODE: ABE 45115

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.15 ±0.05	DIN 53508	1.15 ±0.05
HARDNESS	ASTM D2240	45 ± 5 Sh A	DIN 53505	45 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	1425 PSI	DIN 53504	100 kg/cm2
ELONGATION AT BREAK (min)	ASTM D412	400%	DIN 53504	400%
ABRASION RESISTANCE (max)	ASTM D5963	200 mm3	DIN 53516	200 mm3
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 / - 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		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		FAIR		FAIR
--- 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		Pink/Blue/Yellow		

Products that this data relates to available in China from:

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