



# FULLCHANCE INDUSTRIAL CO.,LTD

## TECHNICAL SPECIFICATIONS

### QUALITY : COMMERCIAL NATURAL RUBBER

### CODE : NR 65140

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	1.4 ± 0.05	DIN 53508	1.4 ± 0.05
HARDNESS	ASTM D2240	65 ± 5 Sh A	DIN 53505	65 ± 5 Sh A
TENSILE STRENGTH ( min )	ASTM D412	1140 PSI	DIN 53504	80 kg/cm <sup>2</sup>
ELONGATION AT BREAK ( min )	ASTM D412	380%	DIN 53504	380%
COMPRESSION SET (70 <sup>o</sup> C/22 hrs/25% set) (max)	ASTM D395 METHOD B	50%	DIN 53517	50%
ABRASION RESISTANCE, MM3, MAX	ASTM D 5963	450	DIN 53516	450
TEAR RESISTANCE ( Angular ) min	ASTM D624	112 Lbs/Inch	DIN 53515	20 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING ( 72 hrs. AT 70 <sup>o</sup> C )	ASTM D 573			
--- HARDNESS (Pts)		+ 5 (MAX)		+ 5 (MAX)
--- TENSILE STRENGTH (%)		+20/ -20		+20/ -20
--- ELONGATION AT BREAK (%)		+25/ -25		+25/ -25
VOLUME SWELL : AT 70 <sup>o</sup> 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
RESISTANCE TO MIGRATION STAINING		GOOD		GOOD
TEMPERATURE RANGE		-30 <sup>o</sup> C + 70 <sup>o</sup> C		-30 <sup>o</sup> C + 70 <sup>o</sup> C
COLOUR		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