



# FULLCHANCE INDUSTRIAL CO.,LTD

## TECHNICAL SPECIFICATIONS

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

**CODE: AB 60117**

| PROPERTIES                                      | TEST METHOD        | VALUES              | TEST METHOD | VALUES                 |
|---|--------------------|---------------------|-------------|------------------------|
|   |                    | FPS UNITS           |             | METRIC UNITS           |
| SPECIFIC GRAVITY                                | ASTM D297          | 1.17                | DIN 53508   | 1.17                   |
| HARDNESS  | ASTM D2240         | 60 ± 5 Sh A         | DIN 53505   | 60 ± 5 Sh A            |
| TENSILE STRENGTH ( min )                        | ASTM D412          | 1638 PSI            | DIN 53504   | 115 kg/cm <sup>2</sup> |
| ELONGATION AT BREAK ( min )                     | ASTM D412          | 450%                | DIN 53504   | 450%                   |
| ABRASION RESISTANCE ( max )                     | ASTM D5963         | 120 mm <sup>3</sup> | DIN 53516   | 120 mm <sup>3</sup>    |
| COMPRESSION SET (70 °C/24 hrs/25% set)<br>(Max) | ASTM D395 METHOD B | 30%                 | DIN 53517   | 30%                    |
| TEAR RESISTANCE ( Angular ) min                 | ASTM D624          | 168 Lbs/Inch        | DIN 53515   | 30 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                      |                    | 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