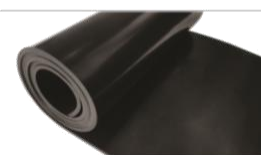


# SDGP 65150 SQUARE MAT

## PRODUCT CODE – SDGP 65150



### TECHNICAL SPECIFICATIONS

| PROPERTIES   | TEST METHOD | VALUES<br>FPS UNITS                 | TEST METHOD           | VALUES<br>FPS UNITS                 |
|--|-------------|-------------------------------------|-----------------------|-------------------------------------|
| SPECIFIC GRAVITY                                       | -           | 1.50 ± 0.05                         | ASTM D297             | 1.50 ± 0.05                         |
| HARDNESS   | ISO 48-4    | 65 ± 5 Sh A                         | ASTM D2240            | 65 ± 5 Sh A                         |
| TENSILE STRENGTH ( min )                               | ISO 37      | 497 PSI                             | ASTM D412             | 35 kg/cm2                           |
| ELONGATION AT BREAK ( min )                            | ISO 37      | 250%                                | ASTM D412             | 250 %                               |
| COMPRESSION SET<br>(70°C/22 hrs/25% compression) (max) | ISO 815-1   | 30 %                                | ASTM D395<br>METHOD B | 30 %                                |
| TEAR RESISTANCE ( Angular ) min                        | ISO 34-1    | 112 Lbs/Inch                        | ASTM D624             | 20 Kg/cm                            |
| ABRASION RESISTANCE ( max )                            | ISO 4649    | 300 mm <sup>3</sup>                 |                       | 300 mm <sup>3</sup>                 |
| CHANGE IN PROPERTIES AFTER                             |             |                                     |                       |                                     |
| HEAT AGEING FOR (72 hrs. AT 70 °C )                    |             |                                     | ASTM D573             |                                     |
| --- HARDNESS (Pts)                                     |             | +5 (Max)                            |                       | +5 (Max)                            |
| --- TENSILE STRENGTH (%)                               |             | +20 / -20                           |                       | +20 / -20                           |
| --- ELONGATION AT BREAK (%)                            |             | +25 / -25                           |                       | +25 / -25                           |
| VOLUME SWELL : AT 70°C FOR 72 HRS                      |             |                                     | ASTM D 471            |                                     |
| IN IRM OIL NO.901                                      |             | NOT RECOMMENDED                     |                       | NOT RECOMMENDED                     |
| IN IRM OIL NO.902                                      |             | NOT RECOMMENDED                     |                       | NOT RECOMMENDED                     |
| IN IRM OIL NO.903                                      |             | NOT RECOMMENDED                     |                       | NOT RECOMMENDED                     |
| CHEMICAL RESISTANCE                                    |             |                                     |                       |                                     |
| --- OZONE  |             | NOT RECOMMENDED                     | ASTM D 1149           | NOT RECOMMENDED                     |
| --- 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                                      |             | -30° to + 70° C                     |                       | -30 ° to + 70° C                    |
| COLOR  |             | BLACK, BLUE<br>GREEN,<br>YELLOW,RED |                       | BLACK, BLUE<br>GREEN,<br>YELLOW,RED |
| MAT DESIGN   | SQUARE MAT  |                                     |                       |                                     |

Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.\*