

# CDEI-E 75150 CHECKERED MAT

PRODUCT CODE –CDEI-E 75150



## TECHNICAL SPECIFICATIONS

| PROPERTIES   | TEST METHOD | VALUES<br>FPS UNITS | TEST METHOD           | VALUES<br>FPS UNITS |
|--|-------------|---------------------|-----------------------|---------------------|
| SPECIFIC GRAVITY                                       | DIN 53508   | 1.50 ± 0.05         | ASTM D297             | 1.50 ± 0.05         |
| HARDNESS   | DIN 53505   | 75 ± 5 Sh A         | ASTM D2240            | 75 ± 5 Sh A         |
| TENSILE STRENGTH ( min )                               | DIN 53504   | 1138 PSI            | ASTM D412             | 60 kg/cm 2          |
| ELONGATION AT BREAK ( min )                            | DIN 53504   | 250%                | ASTM D412             | 250 %               |
| COMPRESSION SET<br>(70°C/24 hrs/25% compression) (max) | DIN 53517   | 50 %                | ASTM D395<br>METHOD B | 50 %                |
| TEAR RESISTANCE ( Angular ) min                        | DIN 53515   | 112 Lbs/Inch        | ASTM D624             | 20 Kg/cm            |
| CHANGE IN PROPERTIES AFTER                             |             |                     |                       |                     |
| HEAT AGEING FOR ( 72 hrs. AT 70 °C )                   |             |                     | ASTM D573             |                     |
| --- HARDNESS (Pts)                                     |             | + 5 (Max)           |                       | + 5 (Max)           |
| --- TENSILE STRENGTH (%)                               |             | + 20 % (Max)        |                       | + 20 % (Max)        |
| --- ELONGATION AT BREAK (%)                            |             | + 30 % (Max)        |                       | + 30 % (Max)        |
| 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 – 200 PPHM 48 H 40°C                         | ISO 1431-1  | NO CRACKS           | ASTM D 1149           | NO CRACKS           |
| --- DILUTE ACIDS AND BASES                             |             | GOOD                |                       | GOOD                |
| --- CONCENTRATED ACIDS AND BASES                       |             | EXCELLENT           |                       | EXCELLENT           |
| --- OILS   |             | NOT RECOMMENDED     |                       | NOT RECOMMENDED     |
| --- SOLVENTS   |             | NOT RECOMMENDED     |                       | NOT RECOMMENDED     |
| TEMPERATURE RANGE                                      |             | -35° to + 130° C    |                       | -30 ° to + 130° C   |
| COLOR  |             | BLACK, GREY         |                       | BLACK, GREY         |

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