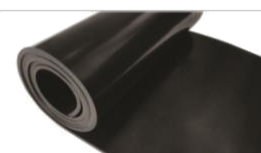


# CHEMOURS GENUINE VITON

PRODUCT CODE – VITON 70190



## TECHNICAL SPECIFICATIONS

| PROPERTIES  | TEST METHOD | VALUES<br>FPS UNITS | TEST METHOD           | VALUES<br>FPS UNITS |
|---|-------------|---------------------|-----------------------|---------------------|
| SPECIFIC GRAVITY  |             | 1.95 ± 0.05         | ASTM D297             | 1.95 ± 0.05         |
| HARDNESS  | ISO 48-4    | 70 ± 5 Sh A         | ASTM D2240            | 70 ± 5 Sh A         |
| TENSILE STRENGTH ( min )                                | ISO 37      | 853 PSI             | ASTM D412             | 60 kg/cm 2          |
| ELONGATION AT BREAK ( min )                             | ISO 37      | 250%                | ASTM D412             | 250 %               |
| COMPRESSION SET<br>(150°C/24 hrs/25% compression) (max) | ISO 815-1   | 35 %                | ASTM D395<br>METHOD B | 35 %                |
| TEAR RESISTANCE ( Angular ) min                         | ISO 34-1    | 112 Lbs/Inch        | ASTM D624             | 20 Kg/cm            |
| CHANGE IN PROPERTIES AFTER                              |             |                     |                       |                     |
| HEAT AGEING FOR ( 72 hrs. AT 150 °C )                   |             |                     | ASTM D573             |                     |
| --- HARDNESS (Pts)                                      |             | + 5 (Max)           |                       | + 5 (Max)           |
| --- TENSILE STRENGTH (%)                                |             | +10 /-10            |                       | +10 /-10            |
| --- ELONGATION AT BREAK (%)                             |             | +15 /-15            |                       | +15 /-15            |
| VOLUME SWELL : AT 150°C FOR 72 HRS                      | ASTM D 471  |                     |                       |                     |
| IRM OIL NO.901  |             | -6 %                |                       | -6 %                |
| IRM OIL NO.902  |             | -1 %                |                       | -1 %                |
| IRM OIL NO.903  |             | +5 %                |                       | +5 %                |
| CHEMICAL RESISTANCE                                     |             |                     |                       |                     |
| --- OZONE   |             | EXCELLENT           | ASTM D 1149           | EXCELLENT           |
| --- DILUTE ACIDS AND BASES                              |             | EXCELLENT           |                       | EXCELLENT           |
| --- CONCENTRATED ACIDS AND BASES                        |             | EXCELLENT           |                       | EXCELLENT           |
| --- OILS  |             | VERY GOOD           |                       | VERY GOOD           |
| --- SOLVENTS  |             | VERY GOOD           |                       | VERY GOOD           |
| TEMPERATURE RANGE                                       |             | -30° to + 275° C    |                       | -30 ° to + 275° C   |
| COLOR   |             | BLACK               |                       | BLACK               |

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

