



JB Rubber & Industrie BV

Rubber sheet FKM Viton

| GOVT. RECOGNISED EXPORT HOUSE | | | | |
|--|-------------|-------------------|--------------------|-----------------------|
| TECHNICAL SPECIFICATIONS | | | | |
| QUALITY : VITON RUBBER SHEETING CODE: FPG 72190 | | | | |
| PROPERTIES | TEST METHOD | VALUES | TES METHOD | VALUES |
| | | FPS UNITS | | METRIC UNITS |
| SPECIFIC GRAVITY | DIN 53508 | 1.95 | ASTM D297 | 1.95 |
| HARDNESS | DIN 53505 | 72 ± 5 Sh A | ASTM D2240 | 72 ± 5 Sh A |
| TENSILE STRENGTH (min) | DIN 53504 | 711 PSI | ASTM D412 | 50 kg/cm ² |
| ELONGATION AT BREAK (min) | DIN 53504 | 200% | ASTM D412 | 200% |
| COMPRESSION SET (70 °C/24 hrs/25% set) (MAX) | DIN 53517 | 55% | ASTM D395 METHOD B | 55% |
| TEAR RESISTANCE (Angular) min | DIN 53515 | 112 Lbs/Inch | ASTM D624 | 20 Kg/cm |
| CHANGE IN PROPERTIES | | | | |
| HEAT AGEING (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 24 HRS/IN | | | ASTM D 471 | |
| IRM OIL NO.1 | | -6% | | -6% |
| IRM OIL NO.2 | | -1% | | -1% |
| IRM OIL NO.3 | | + 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 + 250° C | | -30 ° to + 250° C |
| COLOUR | | BLACK | | BLACK |