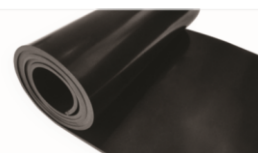


SILICON 70130

PRODUCT CODE – SI 70130


TECHNICAL SPECIFICATIONS

| PROPERTIES | TEST METHOD | VALUES | TEST METHOD | VALUES |
|--|-------------|--------------------------|-----------------------|--------------------------|
| | | FPS UNITS | | FPS UNITS |
| SPECIFIC GRAVITY | | 1.30 ± 0.05 | ASTM D297 | 1.30 ± 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 % |
| TEAR RESISTANCE (Angular) min | ISO 34-1 | 112 Lbs/Inch | ASTM D624 | 20 Kg/cm |
| COMPRESSION SET (70°C/24 hrs/25% compression) (max) | ISO 815-1 | 45 % | ASTM D395 METHOD B | 45 % |
| CHANGE IN PROPERTIES AFTER | | | | |
| HEAT AGEING FOR (72 hrs. AT 70 °C) | | | ASTM D573 | |
| --- HARDNESS (Pts) | | +3 (max) | | +3 (max) |
| --- TENSILE STRENGTH (%) | | +5 / 5 | | +5 / -5 |
| --- ELONGATION AT BREAK (%) | | +5 / -5 | | +5 / - 5 |
| 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 | | EXCELLENT | | EXCELLENT |
| --- DILUTE ACIDS AND BASES | | EXCELLENT | | EXCELLENT |
| --- CONCENTRATED ACIDS AND BASES | | EXCELLENT | | EXCELLENT |
| --- OILS | | NOT RECOMMENDED | | NOT RECOMMENDED |
| --- SOLVENTS | | NOT RECOMMENDED | | NOT RECOMMENDED |
| TEMPERATURE RANGE | | -90° to + 220° C | | -90° to + 220° C |
| COLOR | | WHITE /RED/TRANSLUCEN | | WHITE /RED/TRANSLUCEN |

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