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Black Medium Premium Nitrile/SBR Insertion 70° shore WJ135IS

| PROPERTIES | TEST METHOD | VALUES FPS UNITS | TEST METHOD | VALUES METRIC UNITS |
|---|---------------|------------------|--------------------|---------------------|
| SPECIFIC GRAVITY | DIN 53508 | 1.45 ± 0.05 | ASTM D297 | 1.45 ± 0.05 |
| HARDNESS | DIN 53505 | 70 ± 5 SH A | ASTM D2240 | 70 ± 5 SH A |
| TENSILE STRENGTH (MIN) | DIN 53504 | 569 PSI | ASTM D412 | 40 KG/CM2 |
| ELONGATION AT BREAK (MIN) | DIN 53504 | 200% | ASTM D412 | 200% |
| COMPRESSION SET (70°C/24 HRS/25% SET) (MAX) | DIN ISO 815-1 | 40% | ASTM D395 METHOD B | 40% |
| TEAR RESISTANCE (ANGULAR) MIN | DIN 53515 | 100 LBS/INCH | ASTM D624 | 18 KG/CM |
| CHANGE IN PROPERTIES | | | | |
| HEAT AGEING (72 HRS. AT 70°C) | | | ASTM D573 | |
| --- HARDNESS (PTS) | | + 5 (MAX) | | + 5 (MAX) |
| --- TENSILE STRENGTH (%) | | + 10 / - 25 | | + 10 / - 25 |
| --- ELONGATION AT BREAK (%) | | + 10 / - 25 | | + 10 / - 25 |
| VOLUME SWELL: AT 70°C FOR 72 HRS/IN | | | ASTM D 471 | |
| IRM OIL NO.1 | | + 30% | | + 30% |
| IRM OIL NO.2 | | + 44% | | + 44% |
| IRM OIL NO.3 | | + 85% | | + 85% |
| POLYMER CONTENT (NITRILE) | | 10% | | 10% |
| CHEMICAL RESISTANCE | | | | |
| --- OZONE | | FAIR | ASTM D 1149 | FAIR |
| --- DILUTE ACIDS AND BASES | | FAIR | | FAIR |
| --- CONCENTRATED ACIDS AND BASES | | NOT RECOMMENDED | | NOT RECOMMENDED |
| --- OILS | | NOT RECOMMENDED | | NOT RECOMMENDED |
| --- SOLVENTS | | NOT RECOMMENDED | | NOT RECOMMENDED |
| TEMPERATURE RANGE | | -30 ° TO +90° C | | -30 ° TO +90° C |

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