



**AS / NZS
4020:2005 &
WSA 109 2011
(Table 2.1)
APPROVED**

Technical Specifications

Potable EPDM Rubber - EP70115

| PROPERTIES | TEST METHOD | VALUES FPS UNITS | TEST METHOD | VALUES METRIC UNITS |
|---|-------------|---|-----------------------|---------------------------|
| SPECIFIC GRAVITY | DIN 53508 | 1.15±0.05 | ASTM D297 | 1.15±0.05 |
| HARDNESS | DIN 53505 | 70± 5 Sh A | ASTM D2240 | 70± 5 Sh A |
| TENSILE STRENGTH (min) | DIN 53504 | 1635 PSI | ASTM D412 | 115 Kg/cm ² |
| ELONGATION AT BREAK (min) | DIN 53504 | 300% | ASTM D412 | 300% |
| COMPRESSION SET (70°C/24 HRS/25% COMPRESSION) (max) | DIN 53508 | 8% | ASTM D395 Method B | 8% |
| TEAR RESISTANCE (angular) min | DIN 53505 | 224 Lbs/Inch | ASTM D624 | 40 Kg/cm |
| CHANGE IN PROPERTIES AFTER HEAT AGEING FOR 72 hrs AT 150°C | | | ASTM D573 | |
| HARNESS (points) | | + 2 | | + 2 |
| TENSILE STRENGTH % | | ± 8 | | ± 8 |
| ELONGATION AT BREAK % | | ± 15 | | ± 15 |
| CHEMICAL RESISTANCE | | | | |
| OZONE | | EXCELLENT | ASTM D1149 | EXCELLENT |
| DILUTE ACIDS AND BASES | | EXCELLENT | | EXCELLENT |
| CONCENTRATE ACIDS AND BASES | | EXCELLENT | | EXCELLENT |
| OILS | | Not Recommended | | |
| SOLVENTS | | Not Recommended | | |
| TEMPERATURE RANGE | | -30 to + 120°C | | |
| EC Directive 2001/95/EC | YES | | | |
| REACH Regulation (EC) 1907/2006 SVHC | YES | | | |
| EC 1935/2004 | YES | Must be requested at time of purchase (cost involved) | | |
| AS/NZS 4020:2005 | YES | Tested by Australian Water Quality Centre | | |
| WSA 109 2011 TABLE 2.1 | YES | Tested by Australian Water Quality Centre | | |
| WRAS BS 6920-1:2000 | YES | Water Regulations Advisory Scheme | | |
| Traceability & Certification | YES | Must be requested at time of purchase (cost involved) | | |
| Colour | BLUE | | | |



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