



ZENITH INDUSTRIAL RUBBER
PRODUCTS PVT. LTD.

Quality Rubber Solutions

An ISO 9001:2008 Registered Company
An ISO 14001:2004 Registered Company

GOVT.RECOGNISED EXPORT HOUSE

TECHNICAL SPECIFICATIONS

QUALITY : FOOD GRADE EPDM RUBBER CODE: EP 60130 FG

| PROPERTIES | TEST METHO | VALUES | TEST METHOD | VALUES |
|--|---------------|-----------------|--------------------|-----------------|
| | | FPS UNITS | | METRIC UNITS |
| SPECIFIC GRAVITY | DIN 53508 | 1.3 ± 0.05 | ASTM D297 | 1.3 ± 0.05 |
| HARDNESS | DIN 53505 | 60 ± 5 Sh A | ASTM D2240 | 60 ± 5 Sh A |
| TENSILE STRENGTH (min) | DIN 53504 | 715 PSI | ASTM D412 | 50 kg/cm2 |
| ELONGATION AT BREAK (min) | DIN 53504 | 250% | ASTM D412 | 250 |
| 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 | 101 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/ - 10 | | + 10/ - 10 |
| --- ELONGATION AT BREAK (%) | | + 10/ - 20 | | + 10/ - 20 |
| POLYMER CONTENT (NITRILE) | | 100% | | 100% |
| CHEMICAL RESISTANCE | | | | |
| --- OZONE | | EXCELLENT | ASTM D 1149 | EXCELLENT |
| --- DILUTE ACIDS AND BASES | | EXCELLENT | | EXCELLENT |
| --- CONCENTRATED ACIDS AND BASES | | EXCELLENT | | EXCELLENT |
| --- OILS | | EXCEL | | EXCEL |
| --- SOLVENTS | | NOT RECOMMENDED | | NOT RECOMMENDED |
| TEMPERATURE RANGE | | -25 °to + 80° C | | -20 °to + 80° C |
| COLOUR | | OFF WHITE | | OFF WHITE |



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