



# ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.

Quality Rubber Solutions

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

GOVT.RECOGNISED EXPORT HOUSE

## TECHNICAL SPECIFICATIONS

**QUALITY : 100% NEOPRENE RUBBER CODE: NE 65130**

| PROPERTIES   | TEST METHOD | VALUES           | TEST METHOD        | VALUES           |
|--|-------------|------------------|--------------------|------------------|
|  |             | FPS UNITS        |                    | METRIC UNITS     |
| SPECIFIC GRAVITY   | DIN 53508   | 1.30 ± 0.05      | ASTM D297          | 1.30 ± 0.05      |
| HARDNESS   | DIN 53505   | 65 ± 5 Sh A      | ASTM D2240         | 65 ± 5 Sh A      |
| TENSILE STRENGTH ( min )                                       | DIN 53504   | 1208 PSI         | ASTM D412          | 85 kg/cm2        |
| ELONGATION AT BREAK ( min )                                    | DIN 53504   | 400 %            | ASTM D412          | 400 %            |
| COMPRESSION SET (70°C/24 hrs/25% Compression) (max)            | DIN 53517   | 50%              | ASTM D395 METHOD B | 50%              |
| TEAR RESISTANCE ( Angular ) min                                | DIN 53515   | 140 Lbs/Inch     | ASTM D624          | 25 Kg/cm         |
| CHANGE IN PROPERTIES AFTER HEAT AGEING FOR ( 72 hrs. AT 70°C ) |             |                  | ASTM D573          |                  |
| --- HARDNESS (Pts)   |             | + 5 (Max)        |                    | + 5 (Max)        |
| --- TENSILE STRENGTH (%)                                       |             | + 10 / - 25      |                    | + 10 / - 25      |
| --- ELONGATION AT BREAK (%)                                    |             | + 10 / - 30      |                    | + 10 / - 30      |
| VOLUME SWELL : AT 70° C FOR 72 HRS                             |             |                  | ASTM D 471         |                  |
| IN IRM OIL NO.1  |             | + 18%            |                    | + 18%            |
| IN IRM OIL NO.2  |             | + 23%            |                    | + 23%            |
| IN IRM OIL NO.3  |             | + 60%            |                    | + 60%            |
| POLYMER CONTENT (NEOPRENE)                                     |             | 100%             |                    | 100%             |
| CHEMICAL RESISTANCE  |             |                  |                    |                  |
| --- OZONE  |             | GOOD             | ASTM D 1149        | GOOD             |
| --- DILUTE ACIDS AND BASES                                     |             | FAIR             |                    | FAIR             |
| --- CONCENTRATED ACIDS AND BASES                               |             | FAIR             |                    | FAIR             |
| --- OILS   |             | GOOD             |                    | GOOD             |
| --- SOLVENTS   |             | FAIR             |                    | FAIR             |
| TEMPERATURE RANGE  |             | -25° to + 100° C |                    | -25° to + 100° C |
| COLOUR   |             | BLACK            |                    | BLACK            |



141/144,14<sup>TH</sup> FLOOR, FREE PRESS HOUSE, FREE PRESS JOURNAL MARG 215,NARIMAN POINT MUMBAI - 400021

Email: [info@zenithrubber.com](mailto:info@zenithrubber.com)

Website: [www.zenithrubber.com](http://www.zenithrubber.com)