

## Product Data

### ZIE RUBBER FLEX A Premium Rubber Processing Oil

#### Description:

Ziel manufactures a wide range of standard as well as customised Rubber Process Oils to cater to manufacturers of NR, SBR, PBR, Butyl and EPDM based rubber products

RPO is normally classified in three basic types of process oils depending upon the presence of Carbon Atom, namely Aromatic, Paraffinic & Naphthenic Oil.

Aromatic Oils are generally dark in colour & good compatible with most Rubber Polymers. It is extensively used in the manufacturing of Automobile Tyres, Tread Rubber, Conveyor Belts, Automotive Components ,Floor Mats & Reclaim Rubber etc., where colour of the end product is not important.

#### Typical characteristics:

| Characteristics                       | Test Method | Zie Rubber Flex A   |
|---------------------------------------|-------------|---------------------|
| Colour, max.                          | ASTM D 1500 | Dark greenish black |
| Kinematic viscosity, cSt at 100 °C    | ASTM D 445  | 18-30               |
| Flash point (COC), °C, min.           | ASTM D 92   | 220                 |
| Aniline Point, °C                     | ASTM D 611  | 25-48               |
| Pour Point, °C Max                    | ASTM D 97   | 24                  |
| Acidity mgms KOH/gm Oil, Max.         | ASTM D 974  | 0.5                 |
| Volatile Matter @ 150°C for 1 hour, % | ASTM D 972  | 0.24                |
| Carbon Type Analysis                  |             | Typical Values      |
| C <sub>A</sub> %                      | ASTM D 2140 | 41                  |
| C <sub>N</sub> %                      |             | 24                  |
| C <sub>P</sub> %                      |             | 35                  |

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The above figures are typical figures with normal production tolerance.

#### Health & Safety

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

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