

## ITCOGEL C 480

ITCOGEL C 480 Flooding Compound (Thixotropic Jelly) is a water- blocking compound used for filling of interstitial space in the core of Optical Fibre Cables. It is based on speciality base oils and has been formulated to meet a wide range of processing and performance requirements especially the drip test and water penetration test.

ITCOGEL C 480 exhibits good stability in a cable core over a wide temperature range.

|   |                             |  |
|---|-----------------------------|--|
| Appearance                              | Opaque Amber<br>Viscous Gel | Visual<br>(Erichsen Gauge 100 $\mu$ )        |
| Flash Point COC - °C                    | > 230                       | ASTM D 92                                    |
| Drop Point - °C                         | > 200                       | ASTM D 566                                   |
| Viscosity at 25°C, 100 rpm - cps        | 32000 $\pm$ 5000            | Brookfield Viscometer HADV,<br>Spindle No. 7 |
| Cone Penetration - 1/10 mm<br>at + 25°C | > 280                       | ASTM D 937                                   |
| Density at 25°C - g/cm <sup>3</sup>     | 0.87 $\pm$ 0.01             | ASTM D 1217                                  |
| Volatility, 24 hrs at 100°C - %         | < 1                         | FTM 791 C                                    |
| Oil Separation, 24 hrs at 100°C - %     | < 0.8                       | FTM 791 C                                    |

**Packing** In metal drums with epoxy lining : Height – 885 mm, Internal Diameter – 570 mm, 180 Kg Nett weight.  
Bulk Bag (Fluid Bag) with 700 / 750 Kg Nett weight.

**Storage** Minimum 3 years in original packed condition stored at room temperature.

**Safety** As per our knowledge and available information, ITCOGEL C 480 does not pose any health hazard.  
For further information, please refer to MSDS a copy of which is available upon request.

**Compatibility** ITCOGEL C series products have been tested and found compatible with most of the associated cable materials. Further information is available upon request.