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 Viscous Gel	Visual (Erichsen Gauge 100 μ)
Flash Point COC - °C	> 230	ASTM D 92
Drop Point - °C	> 200	ASTM D 566
Viscosity at 25°C, 100 rpm - cps	32000 ± 5000	Brookfield Viscometer HADV, Spindle No. 7
Cone Penetration - 1/10 mm at + 25°C	> 280	ASTM D 937
Density at 25°C - g/cm^3	0.87 ± 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.

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ITCOGEL™