

VITAGEL F (-40C)
OPTICAL FIBRE CABLE FLOODING COMPOUND

PRODUCT DISCRIPTION

Vitigel F (-40C) has been developed for applications in using pressure filling at ambient temperatures. This hydrophobic compound is soft thixotropic and readily pumpable to completely fill the voids to block entry of water. It is flexible at very low temperature and usable over temperature range of -40°C to +80°C.

<u>Properties</u>	<u>Unit</u>	<u>Method</u>	<u>Specification</u>	<u>Typical Data</u>
Drop point	°C	ASTM D-566	>170	>200
Cone Penetration 25°C	dmm	ASTM D-217	>280	340
Cone Penetration -30°C	dmm	ASTM D-217	>180	190
Flash Point	°C	ASTM D-92	>200	235
Oil Separation 100°C 24 hrs	%	FTM 791C	<0.8	Nil
Volatility Loss 100°C 24 hrs	%	FTM 791C	<1.0	0.4
Hydrogen Generation	µl/g	GLC	<0.1	<0.02
Density 25°C	g/cc	IP – 190/93	0.8 – 0.9	0.87
Appearance	-	Visual	w/white transparent	w/white transparent