

VITAGEL MS
OPTICAL FIBRE CABLE FILLING COMPOUND

PRODUCT DISCRIPTION

Vitagel MS has been developed for applications in using pressure filling at ambient temperatures. Its soft thixotropic nature allows for stable processing and controlled overfeed of optical fibers into the cable. It is suitable for performance from temperature range -30°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	>150	>170
Cone Penetration 25°C	dmm	ASTM D-217	>350	410
Cone Penetration -30°C	dmm	ASTM D-217	>200	220
Oxidation Induction Time	Min.	ASTM D -3895	>30	40
Flash Point	°C	ASTM D-92	>200	235
Oil Separation 150°C 24 hrs	%	FTM 791C	<0.8	Nil
Hydrogen Generation	µl/g	GLC	<0.1	<0.02
Density 25°C	g/cc	IP – 190/93	0.83 – 0.86	0.8431
Viscosity 25°C	m Pas	Brookfield	2000-3000	2500
Dielectric Constant 23°C 1 MHz	-	ASTM D-924	<2.3	2.17
Appearance	-	Visual	w/white transparent	w/white transparent