

**VITAGEL MS (MD -60)**  
**OPTICAL FIBRE CABLE FILLING**  
**COMPOUND**

**PRODUCT DISCRIPTIO**

Vitagel MS (MD) 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 -60°C to +85° C.

<b>Sr.No.</b>	<b>Properties</b>	<b>Unit</b>	<b>Method</b>	<b>Specification</b>	<b>Typical Data</b>
1	Density@ 20°C	g/cm3	ASTM D - 1475	0.82-0.84	0.8436
2	Flash Point	°C	ASTM D-92	>200	235
3	Viscosity @ 20°C,50 rpm	mPass	DIN 53019	9000±1000	9035
4	Cone Penetration a ) 25°C b) - 40°C c) - 60°C	dmm	ASTM D-937	>330 >260 >180	398 264 185
5	Oxidation Induction Time@190°C Alu.Pan - Minutes	Min.	ASTM D -3895	>100	>100
6	Oil Separation 150°C/24 hrs	%	FTM 791C	<0.8	Nil
7	Volatiles (by weight) 80°C/24hrs.	%	FTM 791C	<0.5	0.012
8	Melting Point °C	°C	ASTM D 566	>170	178
9	Compatibility	-	-	Acrylate, PET,PBT, PA,PC,PP&PE.	Pass

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An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 certified company.