

## Specialities

### Description

The CECAGEL® range of white compounds for flooding-type filling of optical fibre cables are either mineral or mixed (synthetic-mineral).

This type of filling, known as flooding, adheres well to the cable sheath and has a high drop point.

### Technical Characteristics\*

	METHOD	CECAGEL® F-200	CECAGEL® RT3
Nature	-	MIXED	MINERAL
Solidification point	ASTM D -938	89	-
Melting point (°C)	ASTM D -127	-	85 min. (90 typ.)
Drop point (°C)	ASTM D -566	90 min (100 typ.)	-
Penetration (mm/10) at 25 °C	ASTM-D937	125	65
Brookfield Viscosity (cP) at 100°C	IT.LAB.138	-	20 min. (35 typ.)
Viscosity (cSt) at 100 °C	ASTM D-445	-	30 min. (38 typ.)
Viscosity (cSt) at 110 °C	ASTM D-445	230	-
Viscosity (cSt) at 120 °C	ASTM D-445	230	-
Viscosity (cSt) at 130 °C	ASTM D-445	230	-
Flashpoint (°C)	ASTM D-92	240 min	240 min
Dielectric constant at 23 °C	IT.LAB.104 (ASTM D-150)	-	2,3 max
Volume resistivity at 23 °C (Ohm.cm)	IT.LAB.105 (ASTM D-150)	2E+13 typ	>1E+17
Volume resistivity at 100 °C (Ohm.cm)	IT.LAB.105 (ASTM D-150)	2E+12 typ	5E+13 typ
Oil flow/separation (50 °C, 24hx5)	IT.LAB.119 (IEC-811-5-1)	-	PASS
Colour	ASTM D-1500	5.5	5.6

\* The values indicated in the tables are typical values, not product specifications.

Unless otherwise indicated, the figures cited in the technical characteristics should be considered typical

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