

Have a cable your way

YOU HAVE GOT CABLE. WE HAVE GOT COMPOUND.

Bogdány Petrol Ltd. has the design and manufacturing ability to offer a range of cable filling compounds for use in the production of telephone and optical cables. These include primarily underground cables and specially formulated applications. These can be created in an array of viscosities and densities, some with properties to expand to fill voids that may occur during installation

or form natural aging and environmental circumstances. All products are non-dielectric and impervious to fungal growth. We already today offer a wide array of filling and flooding compounds and are equipped to formulate a product to match every cable size, tube material, application processing equipment type and environmental use.

Product lines for cable filling

Using TKT or Lunectra® cable filling compounds we give you a comprehensive solution to protect cables against unwanted impacts.

LUNETRA® series

OPTICAL CABLE FILLING COMPOUNDS

The LUNETRA® series are pseudoplastic, synthetic and special oil based thixotropic compounds. These series have very high heat oxidation stability. They have elastic attributes as well as very good dielectric properties. They can also be used for elevated line speed and are available in liquid like consistency (Newtonian) for filling small tubes at extreme high line speed. You can find in offer both warm or cold applicable compounds.

All products are compatible with cable components such as tubing materials PBT, PA and others.

RANGE OF MAIN TECHNICAL PARAMETERS:

- Viscosity range @25°C: 5 000-30 000 mPa
- Cone Penetration @25°C: 290-400 (1/10 mm)
- Volatility @100°C/24h: <0,2%
- Oil separation @80°C/24h: none

TKT series

COPPER CABLE FILLING COMPOUNDS

The TKT product series are developed for underground communication cables to prevent the penetration of moisture and water. Products are available with different dropping point characteristics.

TKT products are jelly type products for cold, hot and mixed application. It is an excellent choice for using under European and tropical climate conditions.

RANGE OF MAIN TECHNICAL PARAMETERS:

- Viscosity range @100°C: 18-40 mm²/s
- Dropping point: 60-90°C
- Cone Penetration @25°C: 50 (1/10 mm)
- Dielectric constant @100°C: 2,3
- Specific resistivity @100°C: 10¹² Ohm×10mm
- Corrosion @80°C, 14 days: none

ENGINEERING

Custom versions of agents can be formulated to meet your special needs. Give us your technical requirements and desired processing parameters and we will design and manufacture a product that will match your requirements.

IN OUR PORTFOLIO

Bogdány Petrol Ltd. has a wide range of cable filling compound for copper cables and optical cables, covering numerous technical requirements of our customers. Ask about the various standard versions of TKT or LUNETRA® products we have available.

SALES SUPPORT

Our sales team is ready to support you in finding the best solution for your requirements. Team is technically prepared to cooperate with you if any special need appears. Delivery on time and documentation are never a special issue for us.

 **Bogdány
Petrol**
Your Wax & Oil Specialist

LUNETRA® AND TKT

BENEFITS OF CABLE FILLING COMPOUNDS

- prevention of moisture penetration
- outstanding anti-oxidancy
- assures electrical properties
- good compatibility with polymers used in cables
- filled cables remain flexible and round form

