Insulating Compounds for the Power & Energy Transmission Cable Industry

**Insulating Compounds for High Voltage Power Cables**

**The “T” Range** – The “T” range of compounds has a long standing reputation in the electric power cables industry for performance and reliability at the highest operational voltages worldwide. The range includes:

- **T 2015 Impregnating Compound** – with its unique formulation, T 2015 has a success record spanning over half a century in the construction of paper insulated high voltage DC submarine cables with operating voltages up to and including 450 kV.

- **T 3788 Cable Fluid** – has a proven record in the impregnation of hollow-core design AC cables up to the highest operational voltages worldwide, and is compliant with BS 6802: 1987, EN 60867: 1994 class 1, IEC 867: 1993 class 1.

The “T” range also includes a wide range of mineral oil based blends for the impregnation of solid-core design energy cables, plus a range of synthetic, mineral and semi-synthetic hydrocarbon based fluids for the impregnation of hollow-core design energy cables. All products offer superior aging performance and excellent electrical properties.

**Napelec® C** – based on high quality polybutene, Napelec® C has a long standing reputation for success and quality in the impregnation of solid-core design AC power transmission cables.

**Insulating Compounds for Low-Medium Voltage Power Cables**

The “ND” Range – based on specially selected and refined mineral oils, together with synthetic waxes, resins and polymers especially chosen for optimum impregnation performance and in-service stability, the ND range has been used for many years in the impregnation of low to medium voltage power transmission cables.

**Jointing Compounds**

Based on high quality refined oils blended with synthetic and natural resins, H&R’s Jointing Compounds have a proven track record for the water blocking of joints and terminations of energy cables. The viscosity/temperature characteristics of the compounds make them suitable for most operating conditions.

Other Compounds for Accessories and Terminations

**The “DE” Range** – High quality polybutenes, offering excellent electrical properties, superior stability and remarkable aging performance.

**Flushing Oils** – H&R offers high quality mineral based oil blends for the flushing of cable joints and terminations.

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