Insulating and Jacketing Materials 絕緣和護套材料

Calmont works with many different insulating and jacketing materials and we're constantly evaluating new materials to offer to our customers. Some of the common compounds we use for insulation and jacketing are:

Calmont 使用許多不同的絕緣和護套材料，我們不斷評估為客戶提供的新材料。 我們用於絕緣和護套的一些常見化合物是：

- Alcryn®
- Fluorosilicone
- Hytrel®
- Neoflon (FEP, PFA, ETFE)
- Neoprene (blown on)
- Noryl®
- Nylon
- Polyethylene
- Polypropylene
- Polyurethane
- PVC
- Santoprene®
- Silicone
- Teflon® (FEP or PFA)
- Tefzel® (ETFE)
- TPE

Insulating & Jacketing 絕緣和護套

Today's wire user has a wide range of plastic insulating materials to choose from, and yet the selection of a particular dielectric for a specific application frequently is a trade-off in properties. Each plastic has both desirable characteristics and practical limitations, and the user must decide what can be sacrificed to assure overall satisfactory service. In some cases, a solution lies in using composite insulations, where two or more materials are combined to take advantage of the desirable characteristics of each. The combination is usually better than the sum of its parts. But even with composites, the result often represents a compromise between what is theoretically desirable and what is commercially available and economically supportable.

今天的電線用戶有各種各樣的塑料絕緣材料可供選擇，然而特定應用的特定電介質的選擇經常是屬性的折衷。 每種塑料都具有理想的特性和實際限制，用戶必須決定可以犧牲什麼以確保整體令人滿意的服務。 在某些情況下，解決方案在於使用複合絕緣材料，其中組合兩種或更多種材料以利用每種材料的期望特性。 組合通常比其各部分的總和更好。 但即使使用複合材料，結果往往代表了理論上可取的和商業上可獲得的以及經濟上可支持的之間的折衷。