



Shakun Polymers
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SHAKUN ESCONTEK SP-PESC-566

Thermoplastic Semicon for MV, HV & EHV Cable Jacketing
& Skin Coating Over PE Jacket



Shakun's Offering

Shakun's SP-PESC-566 is a high quality, high performance, specifically formulated thermoplastic semicon jacketing compound for power cables. Engineered with a focus on reliability, durability, and ease of processing, SP-PESC-566 offers unparalleled performance in critical application. SP-PESC-566 is widely used by reputed cable manufactures for both skin coated and full jacketing applications for medium, high and extra high voltage cables.

SP-PESC-566 has excellent heat deformation resistant characteristics, superior thermal stress crack resistance and toughness meeting desired properties as per international standards such as IEC 60502, IEC 60840, IEC 62067, etc. Additionally, it is easy to process and has low volume resistivity.

Special Features of SP-PESC-566

• Ease of Processing:

SP-PESC-566 offers excellent processing in co-extrusion, single, and tandem extrusion applications, ensuring consistent extrusion thickness for skin and jacketing.

• Thermal Stress Crack Resistance:

With good thermal stress crack resistance property, SP-PESC-566 ensures long-term cable integrity and reliability in challenging environments.

• Electrical Conductivity:

Low volume resistivity and good electrical conductivity properties in SP-PESC-566 promotes a uniform conducting layer on cables, ensuring consistent performance.

• Clean Processing:

SP-PESC-566 ensures clean processing under standard extrusion conditions. It can be processed in Standard PE, PVC extrusion setups with processing temperatures between 180°C to 230°C.

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