

Semiconductive Power Cable Shields (Bonded type)

| | Density | MFR (211.8N) | Tensile Strength | Elongation | Volume Resistivity 23deg.C | Volume Resistivity 90deg.C | Base Polymer | Application | Description |
|--------------|---------|-----------------|---------------------|------------|----------------------------------|----------------------------------|-----------------|---|--|
| unit | g/cm3 | g/10min | MPa | % | ohm-cm | ohm-cm | - | | |
| Grade | | | | | | | | | |
| NUCV-9563S | 1.12 | (30) | 16 | 300 | 20 | 80 | EEA | Extra-Clean Supersmooth Conductor Shield and Bonded Insulation Shield for HV/EHV Power Cables | Cross-linkable semiconductive polyethylene compound. Supersmooth extruded surface, good scorch resistance, strong adhesion to insulation layer, good thermal stability, excellent electric conductivity and excellent conductor corrosion resistance. |
| NUCV-9563 XL | 1.16 | (12) | 13 | 220 | 15 | 150 | EEA | Extra-Clean Supersmooth Conductor Shield and Bonded Insulation Shield for HV/EHV Power Cables | Cross-linkable semiconductive polyethylene compound. Supersmooth extruded surface, good scorch resistance, strong adhesion to insulation layer, good thermal stability, excellent electric conductivity and excellent conductor corrosion resistance. |
| NUCV-9590 | 1.08 | (130) | 19 | 450 | 20 | 40 | EEA | Supersmooth Conductor Shield and Bonded Insulation Shield for MV/HV Power Cables | Cross-linkable semiconductive polyethylene compound. Lower compound density, lower melt viscosity, extremely low sulfur content to remove the risk of the sulfur tree, higher smoothness, excellent stability of volume resistivity, good scorch resistance and mechanical characteristics |

() These values are measured without peroxide

Note • The values are dependent upon using the testing method as indicated and are offered herein as a guide in the use of compound.

Semiconductive Power Cable Shields (Strippable type)

| | Density | MFR (21.18N) | Tensile Strength | Elongation | Volume Resistivity 23deg.C /90deg.C | Peeling Strength | Base Polymer | Application | Description |
|--------------|---------|-----------------|---------------------|------------|--|---------------------|-----------------|--|--|
| unit | g/cm3 | g/10min | MPa | % | ohm-cm | N/cm | - | | |
| Grade | | | | | | | | | |
| NUCV-9574 XL | 1.21 | (40) | > 13 | > 200 | 35 / 450 | < 40 | EVA | Semiconductive Strippable Insulation Shield for MV Cable | Cross-linkable semiconductive polyethylene compound. Medium peeling strength. Smooth extruded surface, good scorch resistance, good strippability from insulation layer, good thermal stability, good electric conductivity. |

() These values are measured without peroxide

Note • The values are dependent upon using the testing method as indicated and are offered herein as a guide in the use of compound.