

COMPOUND & SHEET



Conductive Compound

Features

- Excellent physical properties
- Tailored to various customers' needs
- Wide ESD range (10e2 ~ 10e8 Ω/sq)

PP Compound
PS Compound
PE Compound



| Item Code | M01V-000 | | | | M04V-000 | M05V-000 |
|-----------------------------|---|-------------|-------------|-------------|--|---|
| Base Resin | PP | | | | PS | PE |
| | ① | ② | ③ | ④ | | |
| Melt Index (g/10min) | 2 ~ 8 | 2 ~ 8 | 2 ~ 8 | 0.5 ~ 1.0 | 3 ~ 8 | 2 ~ 8 |
| Specific Gravity (23℃ g/cc) | 1.08 ~ 1.12 | 1.08 ~ 1.12 | 1.08 ~ 1.12 | 1.10 ~ 1.20 | 1.05 ~ 1.15 | 1.08 ~ 1.12 |
| Conductivity (23℃ Ω/sq) | 10e4 ~ 10e5 | 10e5 ~ 10e6 | 10e6 ~ 10e7 | 10e2 ~ 10e4 | 10e5 ~ 10e6 | 10e4 ~ 10e5 |
| Applications | <ul style="list-style-type: none"> • Corrugated sheet • PP sheet • injection molding | | | | <ul style="list-style-type: none"> • PS Sheet • Plastic reel • Sheet • Injection molding • Carrier tape | <ul style="list-style-type: none"> • PE film • PE sheet |



Conductive Sheet

Features

- Excellent electrical conductivity
- Low shrinkage
- Excellent impact resistance
- Excellent physical and mechanical properties
- Excellent surface smoothness

Applications

- Injection molding
- Reel injection molding
- Extrusion for vacuum forming trays
- Extrusion for carrier tape sheet
- Making corrugated sheets, part boxes, trays, etc.



| Product | Conductive PP Sheet | Conductive PS Sheet | Conductive PE Sheet |
|--------------------|---------------------|---------------------|---------------------|
| Item Code | M02V-000-BK | M04V-000-BK | M06V-000-BK |
| Material | PP, PS, PE, ABS | | |
| Color | Black | | |
| Surface Resistance | 10e4 ~ 10e6 ohm | | |
| Thickness | 0.3 mm ~ 1.2 mm | | |
| Width | 450 mm ~ 1300 mm | | |

Conductive PET Sheet

Conductive PET sheet does not contain carbon, metal and any corrosive agents. It is very clean and can be used in Cleanroom and rewashd in either ultrasonic DI water or IPA without any degradation or contamination.

Features

- Not affected by humidity
- No particle generation
- Good durability without any degradation
- Recyclable

Applications

- Thermoforming trays
- Hard disk containers
- Medical device packaging

| Item Code | M08V-000 |
|--------------------|------------------------------|
| Material | PET |
| Color | Clear |
| Surface Resistance | 10e5 ~ 10e6 ohm |
| Thickness | 0.5mm, 0.65mm, 0.9mm, 1.2mm |
| Width | 610mm, 640mm, 720mm, 1,300mm |

