

Cleanroom & ESD

Compound & Sheet



Conductive Compound

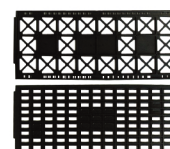
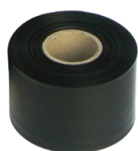
Features

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

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℃/ohm)	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 rewashed 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	0.5 mm, 0.65 mm, 0.9 mm, 1.2 mm
Width	610 mm, 640 mm, 720 mm, 1,300 mm

