Semiconductive Power Cable Shields (Strippable type)

Property	Density [1]	MFR [1), 2)]	Tensile Strength [3)]	Elongation at Break [3)]	DC Volume Resistivity [4)] 23°C / 90°C	Peeling Strength [5)]	Base Polymer	Carbon Type	Application	Description
Method	ISO 1183-2	ISO 1133-1	ISO 37	ISO 37	NUC Method	NUC Method	-	-		
unit	kg/m^3	g/10min	MPa	%	Ω･cm	N/cm	-	-		
Grade										
NUCV-9574 XL	1210	37	16	275	18 / 360	< 40	EVA	Furnace Black	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.

1) Values measured without peroxide.

2) Measured at 190°C, 211.8N

3) Molding condition : compression 2mm sheet, Test pieces : ISO 37 type 1A, Test speed : 500mm/min

4) Two-terminal method, compression 2mm sheet, Curing condition: 180°C, 15min

5) After being molded 2mm semicon and 2mm HFDJ-4201 EC at 120°C, cured in 2mm sheet in piles at 200°C under 10MPa for 10min.

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