Caplinq LINQSTAT™ VCF-41014B

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Film Grade

Material Notes:

Product Description: LINQSTAT™ VCF-Series is a black, carbon-filled, volume-conductive polyethylene film designed to provide both physical and static protection in numerous semiconductor, electronic, and Smartcard applications. Its easy-grounding nature makes it ideal for packaging where electrostatic contamination is a problem. The film and its conductivity are unaffected by humidity and age. The film is heat-sealable, flexible and offers exceptional abrasion resistance. Additionally, the film gives good thermal stability and has outstanding chemical resistance. The conductive bags meet electrical requirements of the military specification MIL-P-82646.Applications:Protection and storage of static-sensitive componentsInterleaf between rolls of Smartcard modulesGrounding MatsProduct Features and Benefits:Volume-conductive plasticBlack Opaque - PrintableProvides anti-static protection to electronic componentsGroundableHumidity indepentent conductivityChemical SusceptibilityMethanol: ResistantEthanol: ResistantIsopropanol: ResistantWeak Acids: ResistantKetones (Acetone): Slow AttackWeak Alkalines: Slow AttackHydrocarbons: Non-ResistantInformation provided by Caplinq

Order this product through the following link:
http://www.lookpolymers.com/polymer_Caplinq-LINQSTAT-VCF-41014B.php

Physical Properties	Metric	English	Comments
Thickness	65.0 - 200 microns	2.56 - 7.87 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	13.8 MPa	2000 psi	ASTM-D882
Film Elongation at Break, MD	330 %	330 %	ASTM-D882
Film Elongation at Break, TD	390 %	390 %	ASTM-D882
Dart Drop Test	380 - 400 g	0.838 - 0.882 lb	50% Failure Weight; ASTM D1709-67
Heat Seal Strength	3.00 - 9.23 g/25 mm	0.00661 - 0.0204 lb/in	Transverse Direction; ASTM-D882
	3.51 - 10.8 g/25 mm	0.00774 - 0.0238 lb/in	Machine Direction; ASTM-D882

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 500 ohm-cm	<= 500 ohm-cm	ASTM-D991
Surface Resistivity per Square	<= 31000 ohm	<= 31000 ohm	MIL 81705C
Static Decay	<= 2.0 sec	<= 2.0 sec	EIA - Std 541

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China