

Kostat ICP-STAT ICS-1004 PVC Sheet

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

KOSTATs ICP-STAT is a thermoplastic sheet coated with an inherently conductive polymer (ICP). ICP-STAT has distinctive advantages in ESD and cleanliness performances compared to other materials based on Hygroscopic Antistats and Conductive Fillers. This product exhibits superior transparency and clarity. Special Features: Superior Permanent Static Dissipation Humidity Insensitivity Excellent Wear resistance Low Particle Generation Superior Transparency and Clarity Low Ionic Contamination Excellent Chemical Resistance with Environmentally Friendly Materials Applications: Semiconductors Packaging LCD Components Packaging HDD Components Packaging Electrical & Electronics Packaging Medical Devices Packaging Clean Room Accessories

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kostat-ICP-STAT-ICS-1004-PVC-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	46.2 MPa	6700 psi	ASTM D638

Optical Properties	Metric	English	Comments
Transmission, Visible	>= 90 %	>= 90 %	ASTM D1003

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	1e+05 - 1.00e+6 ohm	1e+05 - 1.00e+6 ohm	ASTM D257
	1.00e+6 ohm	1.00e+6 ohm	after 100% elongation; ASTM D257
	1.00e+7 ohm	1.00e+7 ohm	after 200% elongation; ASTM D257
	1.00e+9 ohm	1.00e+9 ohm	after 250% elongation; ASTM D257

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