

Conductive Hinged Containers Value Line

	Typical Values	Test Method
Electrostatic		
Surface Resistivity	$<10^5$ ohm/sq.	ASTM D 257-78
Surface Resistance	$<10^4$ ohms	EOS/ESD-11.11-1991
Volume Resistancy	<100 ohm-cm	ASTM D 991-83
Static Decay	<0.10 second	EIA-541, Apx F*
Physical:		
Specific Gravity	1.02	ASTM D 792
Water Absorption % 24hrs @23°C	0.01 lbs./ft ²	ASTM D 570
Impact Strength, IZOD: notched	1.2 ft lbs/in	ASTM D 256
	unnotched 7 ft lbs/in	
Load Deflection Temp. @ 264 psi	210°F	ASTM D 648
	@ 66 psi 220°F	
Thermal Conductivity	1.8 BTU/hr/ft ² /F/in	ASTM C 177
Flammability	<1.5 in/min	ASTM D 635
Chemical Resistance:		
Dilute Acids	Excellent	
Dilute Alkalines	Excellent	
Concentrated Alkalines	Excellent	
Saline Solutions	Excellent	
Alcohol	Excellent	
Ketones	Excellent	
Detergents & Soaps	Excellent	
Concentrated Acids	Good	
Oil & Gasoline	Fair	
Aromatic Hydrocarbons	Fair	
Aliphatic Hydrocarbons	Fair	
Paint Solvents	Poor	

* Federal Test Standard-101C, Method 4046.1, as described in EIA-541, Appendix F



Part No.	Description
21-235	3 1/2" X 2 9/16" X 1/2" (1/4" LID), 425/CS
21-237	3 1/2" X 2 9/16" X 3/4" (1/4" LID), 300/CS
21-231	3 1/2" X 2 9/16" X 1" (1/2" LID), 250/C
21-435	4 5/8" X 3 1/2" X 1/2" (1/4" LID), 330/CS
21-735	7" X 3 1/2" X 1/2" (1/4" LID), 144/CS
21-731	7" X 3 1/2" X 1" (1/4" LID), 96/CS
21-751	7" X 5" X 1" (1/8" LID), 60/CS

* Additional sizes available upon request

Related Products:



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